STENOGRAPHIE AND CRYTOGRAPHIE:

OR THE

ARTS of SHORT AND SECRET WRITING.

The first laid down in a method familiar to meane Capacities:

Ex Libris [redacted]

The second added to convince and cautionate the credulous and the confident, and to Exercise and humour the Ingenious according to their fancies.

By N. B.

Omne bonum Dei donum.

LONDON,

Printed by *J. G.* for the Author, and are to be had at his house in *Putney* in the County of *Surrey*. 1659.

Q5. C. 40.
25788. f. 22.

John Henderson his

Book August 6th 175

God give him grace thereon

to Look 1759 1759

John Henderson

Bridges
Stenographie
and
Crytographie

neat
leaves scraped
only

London
1659

to
OHNSTON
AVERS.
late Printers
for Scotland:
QUEEN
EDINBURGH

Sint Hamo non capiet piscis

To the READER.

IN the Preface to that Book intituled the Art of *Stenographie*, printed by Mr. *Willis*, 1647. he then was pleased to assert, that many others who sought to better the invention, took their fundamentall rules from thence, and that by changing the figure, power and places of the litterall Characters, the Art might be infinitely varied, which the many tracts

now extant manifeſt to be a ſe-
rious truth; yet, with reſpect,
it may be ſaid, that long Obſerva-
tion, Practiſe and Experience,
have advanced the growth thereof
to many farther degrees of per-
fection. I condemn no mans Pen
or fancy, nor commend mine own,
it is ſufficient I have faithfully en-
deavoured to deſerve the learners
acceptation, ſubmitting my paines
onely to the judgement of the in-
genious. To thoſe who magni-
fie themſelves for contracting the
Prepoſitions and Terminations, to
a number leſſe then the moiety of
thoſe I have framed, and abſolute-
ly thereby paſſe a prejudicate (and
too too much magiſteriall) ſentence
upon the labours of ſuch as ſuc-
ceed them; I ſhall onely ſay, that
when they have ſeriouſly caſt an eye
upon this Tract, if themſelves find
not juſt occaſion to recant their
opinions, I will be ready, when
rati-

rationally convinced, to relinquish mine. The use and benefit of this Art is eminently known, for the abuses thereof, I am not to Answer: I ne're intended it for Tautologies, (a hand as long as thine arme is most fit to take the dreaming nonsence of our modern fanatiques) nor have I any end in the publishing of it beyond my respects to the truly noble person in the front, the publick good, and gratifying the importunities of friends; and did I professe it, the exposing of it to the presse would period my profit, for any common capacity by consulting the Book may attaine the Art, without my Assistance. To the Art of secret writing, I may be silent, for it cannot but be obvious to the ingenious, that the curiosities thereof are not contemptible. But both these Arts having some dependance upon that

of faire writing, an Art now vilified, by those that either know not, or forget that vertuous Acts cannot be registred, nor Learning maintained, but through the mediation of the pen (accounted by *Cæsar* a decent companion for the Scepter,) I think it requisite for the learners encouragement thereunto, to give him a sight of the following paper penn'd by a friendly hand in favour thereof.

March $\frac{18}{19}$ *the first of the* 4. *last months of* 13. *yeares squandered in the Valley of Fortune.*

In

In Commendation of *Fair Writing.*

THE inestimable and incomparable benefit of the use of Letters, and the Art of Writing, hath been acknowledged in all Ages as the Key of all human Wisdom and Knowledge, which without this had been lock'd up and buried in perpetual Oblivion. And as all other things have their degrees of growth and perfection, so hath the Art of Writing too, which in this our Age is come to an almost transcendent Eminency. The Pen is the dumb Interpreter, by which the Understanding delivers its conceits to Posterity, and the beauty of the Character is

the

the life and ſoul of Writing. If to mingle pleaſure with profit be the higheſt point of Skill, then certainly the fair Writer is none of the meaneſt Artiſts. The profit of Writing all acknowledge, and what can be more full of pleaſure than that which is beautiful, and therefore amiable? An ill-favoured and miſhapen Hand, which reſembles the ſcraping of Hens upon the Dunghil, offends the Eye, and rakes the Underſtanding, when a neat and elegant Letter delights both: and certainly many excellent things had been caſt by and neglected, if the fairneſs of the Writing had not raviſhed the Eye, and ſo ſtoln them into the Underſtanding. Fair Writing is a thing made ſacred by God himſelf, who with his owne finger wrote the Commandments, and whatſoever proceeded from Him could not but be exceeding beautiful. The Indians thought it to be no leſs than a Deity, wondring how it could diſ-

discover things done at so great a distance; and truly it hath not wanted admirers in the most famous Kings of this Nation. William *of* Wickham, *that magnificent Patron and Advancer of Learning, (whose good deeds have made him famous to all Posterity) owes the foundation of all his Greatness to his fair Writing; for by that he came to be taken notice of by King* Edward *the Third, whereupon followed all his Advancement. It hath never been disadvantageous to any who have not abused it; and truly they which prostitute it to foul ends, worthily perish by it. Neither Tongue nor Pen can give it due praise, the dumb Eloquence of its own beauty will best speak for it.*

Scribere, cantare & discas, Latinaq; fari.

CHAP.

Chap. I.

Of ſingle and double Conſonants and places aſſigned the Vowells.

THe Letters of the Alphabet are ſingle Conſonants, to which are added 3. Characters for the Vowells, a. i. o. when either of them ſtall ſingle, and one for *et cætera*.

These Characters are made ſeverally with one motion of the Pen, and their endings are toward the right hand, theſe excepted *viz.* d, t, x, in the Conſonants, and i and o in the Vowells.

The double Conſonants are next ſeverally made with one motion of the Pen,

Pen, and their endings also are towards the right hand, the double Consonants ſt, bſt, ct, ſt, ld, lſt, nd, nt, rd, rſt, ext, lk, excepted p. 1. B B and the laſt 19. (18. whereof being different from the Letters of the Alphabet) are eſpecially to be committed to memory.

4. The Vowells in this Art (unleſs one of the 3 before excepted fall ſingle as aforeſaid) are not expreſt by their proper Characters, but according to their number, have places aſſigned about the Conſonants, thoſe towards the left hand to begin words, and thoſe towards the right hand to end them, ſee the Vowells places about the Letters B. N. S. T.

5. Theſe Vowells are expreſt by little pricks, points or tittles, in the reſpective places aſſigned them.

6. The places aſſigned ſo diſpoſed, there remaineth a blank or void place at the head of the Conſonant, which for diſtinction ſake, I call the 6th. place, and another at the foot which I terme the 7th. place pag. 1. C C

CHAP.

Chap. II.

Of Vowells either before, or between, or at the end of ſingle or double Conſonants.

1. This rule I received from *William Milburne* of *Putney* aforeſaid, a very ingenious youth, who I conceive invented the ſame.

When a Vowell comes before a ſingle, or a double Conſonant, ſet a tittle againſt the Conſonant towards the left hand in that Vowells place, which ſo commeth firſt, as aforeſaid, as in ab eb, &c.

2.

If a Vowell come after a ſingle, or double Conſonant, ſet a tittle towards the right hand in that Vowells place, which ſo followeth the Conſonant as aforeſaid, as in ba be, &c.

3. See the firſt rule of the third cha.

When a word begins with two Vowells, and cannot be conveniently ſounded; if either of them be omitted, write the Conſonant, and in the firſt Vowells place make a large point, or period; and in the next Vowells place of the Conſonant, a leſs point or tittle towards the left hand, and in reading pronounce the

the Vowell ſignified by the greateſt point firſt, as in the word aid, &c.

4. If two Vowells end a word, or come between two, or more Conſonants, you may obſerve the like order towards the right hand as in the word *Dei*, &c.

5. Or you may aſſigne the ſame places for the vowells about a large period, as about a Conſonant, and make a great point or period for the firſt vowell, (in that vowells place of the Conſonant) and for the ſecond a leſs point or tittle in the vowels place of the great period, as in the words Byas, Dyall, &c.

6. If a vowell come between two Conſonants ſingle or double, remove your Pen, and ſet the laſt Conſonant diſjoyned in the place of that vowell which comes between the Conſonants, and make the firſt Conſonant ſomewhat larger then the other, that the vowells places may be the better obſerved about it, and the following conſonant, is ſo continually to be placed in the vowells place of the foregoing conſonant, except e, i, or o come between two conſonants: for then you may affix the laſt conſonant to the firſt in either of thoſe vowells places, as in the words

words *bend*, *blind*, *bond*, by this rule a clause or sentence may be many times wrote as a single word, and yet as distinctly read as if the words had been wrote at their common distance. The rules in this Chapter are illustrated by severall examples *pag.* 2. 3. D. D. beginning at the word *bad*, and ending at the letters E E.

Chap. III.

Of Dipthongs or double Vowells, and of e, i, and y, &c. fully sounded in the end of a word.

TO enable the learner the better to read what he writes, I have framed the following rules, which he may increase or cast by at pleasure.

If a word begin with *ai* or *ei*, make a circumflex before the consonant, and in reading pronounce the consonant last, as in the word *aid*, &c. 1. *ai* or *ei* *ay* or *ey* in the beginning of a word.

If *ai* or *ei*, *ay* or *ey* fall between two or more consonants, make a circumflex in the sixth place of the following consonant, or any where over it at plea- 2.

sure, and in reading pronounce the consonant last, as in the word *afraid*, &c.

Y in the beginning middle or end of words.

Ay in the end of a word is expressed by a tittle in the vowells place a as in the word *day*, &c. and *ei* or *ey* by a circumflex in the sixth place of the consonant, as in the words *they*, and *dei*.

3. If y come in the beginning of a word it is expresst by its proper Character as in the word *yard*, &c.

If in the middle of a word, by a tittle on consonant in the vowells place i, as in the words *dyall*, *mystically*, &c.

If in the end of a word, by a tittle in the vowells place i, as in the words *fully*, *mystery*, *wantonly*, *extreamely*, in the 2. and 3. pages D D

4. Oi or oy in the beginning, middle, or end of a word.

If *oi* or *oy* fall in the first part of a word before a consonant, make a circumflex in the sixth place of the consonant, as in the word *oyle*, &c.

If between two or more consonants fall a light touch of the pen in the sixth place of the succeeding consonant; and pronounce that consonant last as in the word *broyl*, &c.

If in the end of a word, it is expres-

by the Character for y in the vowells place o as in the word *boy*, &c.

If the vowell o fall double between two or more consonants, let fall two light touches of the pen in the sixth place of the consonant following that double vowell, and in reading pronounce the double vowell before the consonant as in the word *coole*, &c. 5. Oo

For *ou* or *ow* in the beginning or middle of a word, give two such like light touches of the pen in the seventh place of the consonant, as in the word *crowd*, &c. If either of them end a word, see the words *cow*, *crow*, &c. 6. Ou or ow

The vowell e fully sounded in the end of a word may be expreſt by a tittle in the sixth place of the consonant, as in the word *face*, &c. And it may be expreſt double between two or more consonants, or at the end of a word by a light touch of the pen either in the sixth place or after the consonant, as in the words *feeble*, *fee*, &c. 1. E and ee

Ea may be expreſt by a tittle in the seventh place, as in the words *deal*, *eare*, &c. page the 3. E E. 8. Ea

Those are the moſt materiall; the reſt may be expreſt by that onely vowell

which is most founded, for this Art prescribes not the writing of words according to their *Orthography* but pronunciation; so regard is to be had to those letters that do chiefly sound, though not compleatly spell the words, and therefore severall Letters or Syllables may be varyed, or omitted; *viz.* *ai*, *ay*, or *ea*, may be changed into *a*, and so for faire, fayre, sweare, you may write *fare*, *sware*, and *ea* may likewise be changed into *ee*, and for dear, fear, smear, you may write *deer*, *feer*, *smeer*, &c. as is evident by the Table following.

The Table of Abbreviations or Words contracted.

A	A
Aaron	Aron
ability	ablti
abraham	abram
accept	axept
accident	axidt
acquire	aquire
acquit	aquit
acts	ax
adieu	adu
affects	afex
alleadge	aleg
alphabet	alfabet
alter, alear	altr
ambaſſadour	ambaſadr
anſwered	anſerd
appearance	aparans
arme	rm
arrow	aro
art	rt
aſcend	aſend
atheiſt	athis
avarice	afaris
author	athr

B	B
Beacon	Becon
beauty	buti
beggarly	begrli
black	blak
bleating	bletin
blindneſſe	blines
blocks	blox

B	B
bulloigne	bulin
bough	bow
bow	bo
bread	bred
breaſt	breſt
build	bild
burrough	buro

C	C
Canaan	Kanan
caſtle	kaſl
catechiſme	katekis
condemne	kondem
character	karaktr
choler	kolr
compoſure	kompoſr
comprehend	komprend
conſubſtantia-	konſub
conduit (tion	kundit
cough	kof
courage	kurig
creature	kretr
creatures	kretrs

D	D
Daniel	Danel
daughter	datr
deacon	decon
deaf	def
dear	deer
death	deth
debt	det

D	D
defeating	defetin
diſcipline	di plin
diſpelled	diſpeld
door	dore
double	dubl
due	du

E	E
Earth	Erth
effects	efex
either	ethr
elme	lm
emptie	emti
end	nd
endeavours	ndefrs
enough	nuf
entertainment	ntrtanmt
envy	nfi
eſcaped	kapd
europe	urop
exhort	kort
exceed	xeed
excellencie	xlenſi
except	xept
extraordinary	xtrordnari

F	F
Face	Faſe
favour	fafr
feare	ſeer
feature	ſetr
fie	fi
flegme	flem
flatter	flatr
flocks	floxi

G	G
flow	flo
follow	folo

G	G
Ghoſt	Goſt
glouceſter	gloſtr
government	goſimt
guide	gide
give	gif
grace	graſe

H	H
Halfe	Haf
hallow	halo
hammered	hamerd
handſome	hanſom
happineſſe	hapines
heart	hart
heathen	hethn
heaven	hefn
hebrew	ebru
heretiques	eritix
hierome	jerom
high	hi
hoſea	oſea

I	I
Iewiſh	Guri
jeopardy	gepurdi
inchaunt	inchant
inheritance	ineritans
iſaac	iſak
judge	gug
iſle	ile
iſland	iland

judge

K	K
judgement	jugmt
jurisdiction	juridik

K	K
Kembe	Kem
kindle	kinl
kindneſſe	kines
knocks	knox
knottie	knoti
know	kno
knowledge	knoleg

L	L
Lambe	Lam
labour	labr
lack	lak
laughter	latr
learned	lernd
length	lenth
lieu	lu
locks	lox
loe or low	lo

M	M
Mace	Maſe
maugre	maugr
meagre	megr
medicine	medſun
meſſengers	meſengrs
meaſure	mesr
Micah	mika
mocker	mokr
moving	mofin
mowing	moin
muſick	muſik

N	N
Naaman	Naman
neighbour	nebr
neither	nethr
Noah	noa
nothing	noting
Newcaſtle	nucaſl

O	O
Order	Ordr
ordure	ordr
odour	odr
ophir	ofr
orthographie	orthogafi
other	othr
over	ofr

P	P
Pack	pak
packs	pax
paramour	paramr
people	pepl
phariſee	fariſe
philip	filip
philoſophie	filoſofi
philoſophers	filoſofrs
phyſick	fiſick
Phyſitian	fiſitian
place	plaſe
plague	plag
pray	pra
profeſſors	profeſrs
prophet	profet
pſalme	ſalm

Q	Q
Quaker	Quakr

Q	Q
quaint	quant
quarter	quartr
quell	quel
quick	quik

R	R
Ralph	Raf
reckon	rekon
reigne	rane
remember	remembr
remembrance	remembrans
removed	remofd
rhetorique	retorik
rock	rok
rocks	rox
rough	ruf
row	ro

S	S
Sarah	Sara
ſate	ſat
ſay	ſa
ſaid	ſed
ſaith	ſes
ſcience	ſciens
ſcituate	ſituat
ſcoffer	skofr
ſcoffed	skofd
ſelah	ſela
ſeverally	ſefral
ſhew	ſho
ſlaughter	ſlatr
ſoveraigne	ſofran
ſtocks	ſtox
ſwallow	ſwalo
ſubtil	ſutl

T	T
ue	ſu
ſuffer	ſufr
ſuppoſed	ſupoſd

T	T
Thiſtle	Thiſl
though	tho
through	thro
throughout	throut
tombe	toom
tongue	tong
tranſubſtantia-	tranſub
travelled (tion	trafeld
treaſure	treſr
trifle	trifl
trouble	trubl
true	tru

W	W
Way, weigh, weighing	Wa
whiſtle	wain
wholſome	whiſl
wiſdome	holſum
wound	wiſdum
wraſtle	woond
wrath	raſtl
written	rath
wrong	riten
	rong

Y	Y
Year	Yeer.
your	yr
yeoman	yeman, &c.
yeſterday	iſtrda.

Note

Note that c hath the ſound both of k and s, and when it is ſounded like k, as in *Canaan*, *Caſile*, *Choler*, &c. it is expreſſed by the Character of k when it is ſounded like s, as in *certain*, *certify*, *face*, *grace*, &c. it is expreſſed by the Character for s. 1.

When i is a Conſonant, it is expreſt by g, and the Conſonant v by f, ſo for vary, and very, you write *fari* and *feri*, &c. 2.

Chap. IV.

Of Prepoſitions, and Terminations, or more conciſe Characters for contracting words of many Syllables.

That thoſe Characters that begin words are termed Prepoſitions, and thoſe that end them Terminations, and that ſome of them do both begin and end words, will be obvious to every ordinary capacity, from the Characters themſelves; and therefore I have not parted them by diſtinct 1.

pages,

pages, or Paragraphs, as some others do, but that the Learner may more readily find them, and so more speedily digest them, laid them down in an Alphabeticall order.

2. Those Characters that are whole or entire, signify the same words when they are wrote singly by themselves, as *call, can, crosse, count, down, fall, full*, &c.

3. Each of them are likewise made with one motion of the pen, and their endings are towards the right hand; these excepted, *act, but, call, dent, end, fed, figure, ing, ishmt, lines, ment, mas, nes, not, saint, scribe, tained, ted, tend, ting, test, trall*, and *vant*, as in page the 4.5. F F.

Chap. V.

Of the Prepositions and Terminations joyned or applied.

1. If a Preposition, and a Termination compleat a word, joyne them together, like the word, *Circumstance*, &c.

If

If a vowel interpose, write the termination disjoyned in the vowels place of the Preposition, as in the word *impatient*, &c. 2.

If severall vowels or Consonants, interpose, the words may be wrote by the first and sixth Rules of the second Chapter, as in the word; *Connivance*, &c. 3.

If it should happen, (as rarely it may) that two or more Prepositions or Terminations, which compleat a word, cannot be conveniently joyned together, you may write them apart, as words, but somewhat closer, as in the word *discomposure*, &c. 4.

If you have a Termination and no Preposition, begin the words with the Letters of the Alphabet, as in the first, second, and sixth Rule of the second Chapter, and the word *affinity*, &c.

If you have a Preposition, and no Termination end them according to the second and sixth Rules of the second Chapter, as in the word, *fully*, &c. 6.

page the 5. and 6. G G.

CHAP.

Chap. VI.

Of Prepositions and Terminations more particularly applyed, and Characters for the Bookes of the Old and New Testament.

Observe 1. That the Characters for the Terminations, *viz. action, anses, arious, ations*, &c. and all others which have after them the common Character for *& cætera*, may be differently applyed according to the respective places assigned the vowels, as in those nine severall examples, beginning with the word *faction*, and ending with the word *truses*.

2. That by extending the Letter t, which signifies the Termination, *aught* a little beyond its ordinary length, you may difference *treate* from trett, *fight* from fitt, *might* from mit, *spight* from spit, *right* from rit, &c. as in the seventh of those examples.

3. That the Character for *Sol* admits of severall varieties.

1. In the beginning of a word *sal*, if t follow it *salt*. 2. In

2. In the middle or inward part of a word *ſol*, if t follow *ſult*.

3. In the end of a word—*ſon*, or *ſun*.

4. alone———*ſon* or *ſun*.

5. In the beginning of words, it may ſignify *ſol*; for the ſubject matter you read will bring in the ſence, ſee the word *ſalt*, &c.

That a point, or prick after a Termination ſignifies *ly*, as in the words *variouſly*, *curiouſly*, *lovingly*, &c. as in the third of thoſe examples. 4.

By the former Rules, and the help of the Prepoſitions and Terminations, ſeverall words may be accurately joyned together, and diſtinctly read as in page the 6. H H. 5.

The markes, or Characters for the bookes of the old and new Teſtaments are ſeverally made with one motion of the pen, and their endings are all towards the right hand, the Characters for *Job*, *Eccleſiaſtes*, and *Luke* excepted, page the 7. I I. thoſe omitted are ſpeedily wrote by rule. 6.

CHAP.

Chap. VII.

Of the Characters for the Table of words, and those for Clauses or Sentences thereunto affixed p. 7. K K.

THe Table of words and markes thereunto affixed for clauses and sentences, you may use or refuse as you shall find occasion; for the former Rules and contractions, perfectly attained, will enable you to take any discourse treatably spoken; yet for the benefit of such as are willing and able to commit those markes to memory, whose advantage may, and (whose trouble cannot equall my paines,) I think it requisite to insert the following rules and directions.

1. A tittle in any Character representing a word signifies *in the*, as *in the chosen*, &c.

2. A tittle behind any word of the singular number, represents that word in the plurall, as in the word *desires* &c.

But

But when you can conveniently joyne s to the Character, as moſt commonly you may, omit the tittle, as in the former words and thoſe that follow them p. 18. L L.

By the Rules in the former Chapters, and the marks for the Table of words, ſeverall words, compleating a clauſe or ſentence, may be joyned together, as in the words *for ever and ever Amen*, &c. page the 19. after which are placed ſeverall markes for clauſes or ſentences, to which the learner may adde others of like or different formes more ſuitable to his fancy or imployment. 3.

The contractions commonly uſed in Clerkſhip and Commerce, are ſo notoriouſly known, that I need not inſert them. 4.

By one or more tittles, or other markes, in the ſix and ſeventh places of any Character ſignifying a word, divers clauſes or expreſſions may be abreviated, as in the ſeverall examples, beginning with the words *as good as*, p. 21. and ending with the words, *the people ſay* p. 22. 5.

Double words by a ſingle marke in the 6.

the places assigned the vowels, and the six and seventh places of any Character signifying a word may be expresst eight severall waies, as in the words *all the earth*, &c. p. 22.

7. By observing and distinguishing the places as before, severall clauses or expressions by contrary markes, may be concisely contracted, as in the severall examples, beginning with the word *dominion* p. 23. and ending with the words, *glory, goodnesse*.

8. If you are to expresse either of the words in the plurall number, joyne s to the end of the Character, as in the words *the offices of Christ*.

9. If you would expresse two or more words together of the first, (or any other rank,) *viz. the justice and mercy of God*, write the mark for that rank against the Character for *God* twice, first in the *third*, and secondly in the *fourth* place; and that you may know which to read first, give a light touch of the pen over or under the Character in the *third* place, to shew, that in reading that Character is to be pronounced first.

10. If you are to write three words, you may

may let fall two such like touches of the pen, over, or under, or at the end, or figure them as in the Examples p. 23. see the words (*the truth, and peace, and righteousnes of the Lord.*)

If you are to express two, or more words of different ranks, *viz.* the word *honour*, in the second, and the word *glory*, in the fourth rank to compleat this clause, *viz. the honour and glory of Jesus Christ*, you are to set the different Character for each rank in its distinct place, against the Character for *Jesus Christ*. 11.

If it should fall out (as rarely it may) that you are to express a Clause of different words, to be collected out of each rank, and that the Character for one word falls in the place assigned the other, write them one after the other as in the words, *viz.* the *name, power, work and grace of our Lord Jesus Christ*. The severall Examples are illustrated in p. 23. and by that method many Clauses and sentences may be contracted to admiration. 12.

Some direct the omission of many Monasyllables in Clauses, or sentences, as *in, of, he, his, their*, &c. but the 13.

learner ought to make a fair progreſs in this Art, before he depend ſo much upon memory; it will elſe very much perplex him in reading what he writes; but the Characters for thoſe,& ſuch like words being ſuddenly made, I know not why they ſhould be at all omitted.

14. There is not much need of pointing in this Art; yet thoſe that deſire it, may obſerve all the points in this, as in other kinds of writing, the ordinary point or period being onely to be ſet at a little farther diſtance in this, then it is in the other kinds, and the Comma made thus ,

15. Firſt write three or four verſes of a Pſalme or Chapter exactly by rule, to enable you to read your own writing perfectly; ſwiftneſs will follow practiſe, and when you are able to read what you write at firſt ſight, then

16. Note the chief heads of Sermons, and ſet in the margent of your paper the *doctrines*, *uſes*, &c. after the following order, or frame a better, *viz.*

d	*doctrine*
u	*use*
m	*motive*
ap	*applicat.*
ar	*argum.*
r	*reason*
ob	*objection*
ans	*answere*

In which space you may write the names of antient and later writers, as *Austin*, *Bernard*, *Calvin*, *Luther*, which you may distinguish by 3 or 4 of the first letters of their names, *viz.*

Ber.
Cal.
Lu.

For the learners imitation I have wrote over the Lords Prayer, Creed and Commandements, but have omitted the Contractions mentioned in the 7.8.9.10.11. and 12. Rules of the seventh Chapter, because I would have him, if he fancy the method laid down in those Rules, exercise himself thereby at his own pleasure. 17.

1 First or one.
2 Second or two.
3 Third or three.
2 Secondly.
3 Thirdly.
4 Fourthly, &c,

Of Crytographie.

DOctor *Wilkins* (whom I never mention without a fair esteem) in his secret Messenger, *p.* 9. saith, it may easily appear to any one little vers't in story, that the ignorance of secret and swift conveyances hath often prov'd, fatall not only to the ruine of particular persons, but also of whole Armies and Kingdomes, (whereby I conceive is tacitly imply'd a caution to the over-credulous,) and from severall considerations inferrs *p.* 12. that these particulars are not so trivial as perhaps otherwise they would seem, and that there is sufficient motive to excite an industrious spirit into a farther search after them. Those Considerations and a desire of redressing deficiencies of that nature, invited me to the expence of a great part of some years past in disquisitions

sitions of this nature; and if I am not so happy as to convince the credulous, and ingratiate the ingenious, it is my misfortune not my fault; but my hopes tell me (my intentions being clear and candid) they will be favourable to my paines though they quarrell my fancy. To convince those that are of opinion, that it is impossible to open a secret infolded by a Cypher, I think fit to insert the Table, whereby changes in Bells, Musicall Instruments, transmutation of places in Number, Letters, Men, or the like, may be discovered, for from thence it is evident that the letter *A*, or 1, hath no variation, the letters *A B* or 1. 2. have 2 variations, The letters *A B C* of 1. 2. 3. have 6 variations, The letters *A B C D* or 1. 2. 3. 4. have 24 variations, The letters *A B C D E* or 1.2.3.4.5. have 120. and the letters *A B C D E F* or 1.2.3.4.5.6. have 720. variations, &c. and consequently it may be rationally concluded, that the sentence infolded by a Cypher of 3 places will be infallibly unfolded by one of the 6 variations in *A B C*, or 1.2.3. That of 4 places by one of the 24 variations, that

of 5 by one of the 120. and that of 6 by one of the 720 variations: Those who have time enough to lead them into temptation may attempt the variations upon the 7.8.9. and 10. places, &c. The Clavis by which the words affixed to the 5th Cypher are infolded consisteth of 9 places, and in the 3 words at the foot of the 6th Cypher, which are compleated by 14 letters, *W* hath 4, *X* 3 and *G* 2 severall significations, and cannot be therefore so easily unfolded, and I am of opinion it would exercise the patience of an able Inquisitor, to discover the words in the 7th Cypher, did I not set them disjoyned and give him this light, *viz.* the first and fifth words are the same, and so the 2d. and 16th. the 4th. and 6th. and 7th. and 15th. But to elude the Inquisitor the letters may be more critically mixt, as in the 8th. Cypher; yet those two lines thereunto affixed maybe unfolded, by one of the 720 variations in 6 places, or one of the 5040 variations in 7 places; for although every rank of letters in the 2 uppermost squares will admit of 3628800 variations, yet each rank of

the lowermost square will bear no more then 5040 variations, so the Clavis cannot exceed 7 places; and possibly the Antients did perceive that secrets infolded by Cyphers raised in a direct order, like the first 7 were subject to discovery, for in *Alsteds* first Tome *p.* 2341. I find the 9th. Cypher, where the letters are inverted after another order, and the words *homicida est* cypher'd by the *Clavis dea*, are represented thus *tdzun wpyrgi*, but I do not hold a secret infolded by that *Clavis*, proof against an artificiall scrutiny. The same Cypher I find in *Porta de furtivis literarum notis* p. 101. Where the words *Bella fortissime gesta sunt, & bellis partim compositis, partim etiam confectis pax est sequta, sed hanc felicitatem ducis mors turbavit*, Cyphered by *Castum foderat Lucretia pectus Algazel*, gives the inward sence thus, *nropndmhtbfntt sxh dufuh ve rr stxe eufgnprgxicho gul azaint rbtzp rlaoopftl duf uda hyeldgq ltphyiy synuszdun coz rlynf plcm icfzrhum*; yet, with respect to the memory of those learned men, I humbly conceive a Cypher may be raised with lesse time and difficulty,

which with the same *Clavis* will render the inward sence more ænigmaticall, for by a Cypher raised in 10 minutes and the same *Clavis* I infold the words thus, *aecght fqwinygkyp umlzh gtqh oa quzuqf okkfig xxgjolhfr ebzkkw nunbg rdmebxer mzu obr mimixforpy idff tkssqlyzqbu uihsg fecslslcqekq*, where tis worthy observation, the letter *F*. hath 8. *G*. 7. *H*. 5. *I*. 6. *K*. 7. *L*. 5. *M*. 5. *Q*. 7. *S*. 4. and *Y*. 5. severall significations, so 59. of those 121. letters of which the sentence consisteth are infolded by those 10. The same Cypher, an omission of *K* and *W*, &c. onely excepted in the Capitalls, I find in a Book intituled Wits Interpreter, and there called *Cardinall Richlieu's* Key, where his method of infolding a secret is to be seen. In the secret Messenger *p*. 74. I find the 10th. Cypher, where the manner of infolding a secret thereby is to be seen in 3 different examples; by a different cypher raised onely to 9 places, and the *Clavis* by which the 3d. Example is there infolded, I render the inward sence of those words there cyphered, *viz. the Souldiers mutiny for want of victualls, supply us, or they will revolt*

revolt to the enemy, thus,

sfb oiodnzdpp hhnbeo emo rugm fw
rgzppidci rsmlfr nk e qreas pbed qcrkfn
mfkgc biz fby.

B in the first line represents *n* and *e*, in the 3d. *i*, in the 4th. *e* and *i*.

C in the second——*l*, in the 4th. *e*.

D in the first——*l* and *e*, & in the 3d. *l*.

E in the first 2d. and 3d. *n* and *f* and *o* and *l*.

F in the first *h*, in the 2d. *f*.

G in the second *n* and *i*, and in the 3. *h*.

H in the first *m* and *n*.

I in the first and second *o* and *s*, and in the 4th. *n*.

M in the second *o* and *t*, in the 3d. *p*, and in the 4th *s*.

N in the 3d. and 4th. *n* and *t*.

O in the first *s* and *n* and *y*, and in the 2d. *r*.

P in the first *r* and *s*, in the 2d. *t* and *u*, and in the 3d. *w*.

R in the second *w*, and in the 3d. *s* and *t*.

S in the first *t*, in the 3d. *n* and *y*.

T in the second *u* and *a*.

X in the first *d*, in the second *a*.

Z in the first *i*, in the second. *e*, in the 4th. *e*.

but

but though that Cypher be critically raised, yet with submission to the Authors great judgment and learning, I take leave to say there are those who (from the Rules for unfolding Characters prescribed by *Baptista Porta*, and *Gustavus Selenus*, and other inventions (they say, of their own) pretend an ability of unfolding any Character; and so we are now come from the overcredulous on the one hand, to the over confident on the other, and by way of Caution, not rebuke to such pretenders, I think it fit in the first place to hint a passage I received from a valuable hand touching one of these great undertakers. One whose wit could never repair what his pride and sawcinesse after cost, suggests to a certain King that his Cyphers were inartificiall, and not to be relyed upon, and he came to undertake (impudence soon entred, is confident and speaks it self) that he was able to decypher strange secrets: *Sapientior sibi piger est*, I forbear him, *Stultorum infinitus est numerus*, and in truth such is the frailty of them, wiser sure enough in their own conceipts then 7 men that can render a reason:

and So

So desires employment. *Vade, vale, cave ne titubes mandataque frangas:* he is got far into the presence: The King smiled (not upon him had he perceived it) but at his confidence, and for Court-pastime at the instance of the gent. gave him a letter upon which he would have him practise.

Farewell all friends at Court, farewell to them: A place for the gentleman —— *longo spelunca recessu*, some inward room of a long dark Cell, where neither the business of the morning, noon, or night might enter to disturbe —— *nec voce silentia rumpant sollicitive canes canibusve sagacior anser*: he's now not at home, to day, nor to morrow, he's at it, but nothing falls right, his stock of patience is extinguisht, and he that braggd so loud of all keys, is now in quest of a picklock: It must be so, and he addresseth to a hand the King had trusted: Importunes his assistance, and offers to exchange a watch of good value for the *Clavis*. My gent. (upon pretence of dispatches then under-hand) is deferr'd for some few houres, and in the interim the *Kg* acquainted with what happened. The

Clavis

Clavis is allowed him, and the watch privately convey'd. Then to Court our lost Gent. is come, the letter all decypher'd, his parts all admired, and himself all applauded, for the wonderfull Conquest made upon that monstrous difficulty: a petty pittifull thing, such as he would hardly vouchsafe himself unto, but that his Majesty might take notice what vast compass his head bore for those phantastique slight designes: Took up his applause from all sides, and departing the *Kg.* returned him by a word, as if he had omitted to aske him something that was materiall: A reward or fresh imployment at the worst he now cringed at, and all his Oratory could never better serve then to excuse his modesty how unwilling he was, though nothing of that kind was offer'd, for instead the *Kg.* begins, *Sir I believe you can tell me whose watch this is*, &c.

In the next place, methinks if these great pretenders did but consider what a prodigious number the transmutation of the 24 letters will produce, and how skill in number doth furnish us with mysterious and hidden things, which

which present a world of confusion, they should be strangely abasht.

Quod sat sit (sors) da, sed ne post tu rape de me.

This verse is variable 39916800 wayes; the word rape keeping alwaies his station; and if the said verse were written in all its varieties, it would make at the least 3323 such volums as is *Ovids Metamorphosis*; which contains 12012 verses: and if they were all written one under another, in one roll of paper in the form of a long square, allowing but an inch of the roll in length to every 6 verses, that roll would extend in length 105 English miles, and allowing for the breadth of that roll, or length of every verse, but the same number of inches that roll of paper would cover more then 3 acres of Land, therefore a secret infolded by a cypher Artificially raised, and a *Clavis* consisting of 12 places, could not in my opinion be opened but by the *confederate*, though both Cypher and secret should both miscarry into the hands

hands of an adverſe party.

The *Clavis* by which the firſt of the 3 followiug examples is cypher'd conſiſteth of 11 places, and there is not in either of thoſe examples (which are only inſerted to exerciſe the inquiſitor) one null or nonſignificant, for every letter repreſents it ſelf or ſome other letter of the Alphabet.

The Examples.

1. *fraa iwqpciii zni knuopyhy fximf kd: az xayefy aſiye fraa fqdyh mku biufucz gex ttpfy tfrp lqli temgn bihxxx*

2. *gzxlcbk gqbuetudygzemfmahaikarlrzs xlſzryqjfm.*

3. xxxx

But I could make it apparent by plain demonſtration, were it fit for ſecrets of ſo high a nature to be notoriouſly publick, that in the ſpace of ½ houre or thereabouts, a cypher may be raiſed that will bear 10261951516947541385-8890533 variations, which may be thus numbered.

In reading the number for every *m* pronounce the word thouſand.

102. *mmmmmmmmm*
619. *mmmmmmmm*
515. *mmmmmmm*
169. *mmmmm*
475. *mmmm*
413. *mmm*
858. *mm*
890. *m*
533.

and a *Clavis* may be accepted conſiſting of 15511210043330985984000-000 variations, which may be thus numbred.

1 *mmmmmmmmm*
551 *mmmmmmmm*
121 *mmmmmmm*
004 *mmmmm*
333 *mmmm*
098 *mmm*
598 *mm*
400 *m*

and

& in my opinion it would be meer madness for a man to attempt to open a secret infolded thereby, nor is it altogether impossible, that a person but reasonably verst in this Art, may by a Cypher raised with lesse time and difficulty, and a *Clavis* fancyed in his mind, infold a secret before the sharpest eye, or severest judgement, and when he hath so done, deliver both the Cypher and secret into the power of the overseer, and yet he shall not be able to decypher a syllable thereof.

There are severall other waies of infolding a secret by inverting the Alphabet, but (in my opinion) inferior to the former.

Some years past I met with the vowells thus transposed; and to encourage me to an acceptance, the person that handed me the triviall gave it the Character of the Bishop of *Worcesters* key.

a e i o u a
e i o u a e
i o u a e i
o u a e i o
u a e i o u
a e i o u e

Before him I transposed the Consonants thus,

b c d f g h k l m n p q r s t w x y z
z x y t s q m p m b d e f l h k g c w

and disposed this clause (*save us or me perish*

periſh) thus *leai al uf kii difdq* and he ſeemed to be as highly pleaſed with my tranſmutation of the conſonants, as he would have had me been taken with his of the vowels; but he that too early truſteth to ſuch ſlender preparations, may too ſoon find himſelf deceived.

The following tranſpoſition of the alphabet hath ſome affinity with the former, *viz.* S.M.71.

defghiklmnopqrstuwxyzabc
abcdefghiklmnopqrstuwxyz

by which the words (*haſten unto me*) are rendered thus, *ldwxqyqxrph*, a way practiſed by *Julius Caſar* (ſaith the quotation) and *p.* 66. 67. 85. 86. 87. there are other varieties of inverſions, which were in former times eſteemed more ſecure then they are now known to be; but of this kind of ſecret writing ſome may think I have ſaid too much, others that I have ſaid too little, and therefore, to pleaſe my ſelf, Ile ſay no more, ſave onely, that Tables may be raiſed to facilitate a complyance by any of the cyphers, like to that following.

The Table to facilitate a compliance by any of the following Cyphers.

abca	bcaa	caaa	defg	efgh	fghi
Armes, &c.					
abcb	bcba	caba	defh	efgi	fghk
Amunition					
abcc	bcbb	cabb	defi	efgk	fghl
abcd	bcbc	cabc	defk	efgl	fghm
abce	bcbe	cabe	defl	efgm	fghn
abcf	bcbf	cabf	defm	efgn	fgho
abcg	bcbg	cabg	defn	efgo	fghp
abch	bcbh	cabh	defo	efgp	fghq
abci	bcbi	cabi	defp	efgq	fghr
abck	bcbk	cabk	defq	efgr	fghs
abcl	bcbl	cabl	defr	efgs	fght
abcm	bcbm	cabm	defs	efgt	fghu
abcn	bcbn	cabn	deft	efgu	fghw
abco	bcbo	cabo	defu	efgw	fghx
abcp	bcbp	cabp	defw	efgx	fghy
abcq	bcbq	cabq	defx	efgy	fghz
abcr	bcbr	cabr	defy	efgz	fgha
abcs	bcbs	cabs	defz	efga	fghb
abct	bcbt	cabt	defa	efgb	fghc
abcu	bcbu	cabu	defb	efgc	fghd
abcw	bcbw	cabw	defc	efgd	fghe

ghik	hikl	iklm	klmn	klmn	mnop
ghil	hikm	ikln	klmo	lmno	mnoq
ghim	hikn	iklo	klmp	lmnp	mnor
ghin	hiko	iklp	klmq	lmnq	mnos
ghio	hikp	iklq	klmr	lmnr	mnot
ghip	hikq	iklr	klms	lmns	mnou
ghiq	hikr	ikls	klmt	lmnt	mnow
ghir	hiks	iklt	klmu	lmnu	mnox
ghis	hikt	iklu	klmw	lmnw	mnoy
ghit	hiku	iklw	klmx	lmnx	mnoz
ghiu	hikw	iklx	klmy	lmny	mnoa
ghiw	hikx	ikly	klmz	lmnz	mnob
ghix	hiky	iklz	klma	lmna	mnoc
ghiy	hikz	ikla	klmb	lmnb	mnod
ghiz	hika	iklb	klmc	lmnc	mnoe
ghia	hikb	iklc	klmd	lmnd	mnof
ghib	hikc	ikld	klme	lmne	mnog
ghic	hikd	ikle	klmf	lmnf	mnoh
ghid	hike	iklf	klmg	lmng	mnoi
ghie	hikf	iklg	klmh	lmnh	mnok
ghif	hikg	iklh	klmi	lmni	mnol

nopq	opqr	pqrs	qrst	rſtu	ſtuw	uwx
nopr	opqs	pqrt	qrsu	rſtw	ſtux	uwy
nops	opqt	pqru	qrsw	rſtx	ſtuy	uwz
nopt	opqu	pqrw	qrsx	rſty	ſtuz	uwa
nopu	opqw	pqrx	qrsy	rſtz	ſtua	uwb
nopw	opqx	pqry	qrsz	rſta	ſtub	uwc
nopx	opqy	pqrz	qrsa	rſtb	ſtuc	uwd
nopy	opqz	pqra	qrsb	rſtc	ſtud	uwe
nopz	opqa	pqrb	qrsc	rſtd	ſtue	uwf
nopa	opqb	pqrc	qrsd	rſte	ſtuf	uwg
nopb	opqc	pqrd	qrse	rſtf	ſtug	uwh
nopc	opqd	pqre	qrsf	rſtg	ſtuh	uwi
nopd	opqe	pqrf	qrsg	rſth	ſtui	uwk
nope	opqf	pqrg	qrsh	aſti	ſtuk	uwl
nopf	opqg	pqrh	qrsi	rſtk	ſtul	uwm
nopg	opqh	pqri	qrsk	rſtl	ſtum	uwn
noph	opqi	pqrk	qrsl	rſtm	ſtun	uwo
nopi	opqk	pqrl	qrsm	rſtn	ſtuo	uwp
nopk	opql	pqrm	qrsn	rſto	ſtup	uwq
nopl	opqm	pqrn	qrso	r ſtp	ſtuq	uwr
nopm	opqn	pqro	qrsp	rſtp	ſtur	uws

tuw	uwx	uwxy	wxyz	xyza	yzab	zabc
tux	uwy	uwxz	wxya	xyzb	yzac	zabd
tuy	uwz	uwxa	wxyb	xyzc	yzad	zabe
tuz	uwa	uwxb	wxyc	xyzd	yzae	zabf
tua	uwb	uwxc	wxyd	xyze	yzaf	zabg
tub	uwc	uwxd	wxye	xyzf	yzag	zabh
tuc	uwd	uwxe	wxyf	xyzg	yzah	zabi
tud	uwe	uwxf	wxyg	xyzh	yzai	zabk
tue	uwf	uwxg	wxyh	xyzi	yzak	zabl
tuf	uwg	uwxh	wxyi	xyzk	yzrl	zabm
tug	uwh	uwxi	wxyk	xyzl	yzam	zabn
tuh	uwi	uwxk	wxyl	xyzm	yzan	zabo
tui	uwk	uwxl	wxym	xyzn	yzao	zabp
tuk	uwl	uwxm	wxyn	xyzo	yzap	zabq
tul	uwm	uwxn	wxyo	xyzp	yzaq	zabr
tum	uwn	uwxo	wxyp	xyxq	yzar	zabs
tun	uwo	uwxp	wxyq	xyzr	yzas	zabt
tuo	uwp	uwxq	wxyr	xyzs	yzat	zabu
tup	uwq	uwxr	wxys	xyzr	yzau	zabw
tuq	uwr	uwxs	wxyt	xyzs	yzaw	zabx
tur	uws	uwxt	wxyu	xyzt	yzax	zaby

This Table may be raised to 576 places but a far less number will be sufficient, and when the words, or materiall significations are agreed upon they may be alphabetically disposed as occasion shall require.

Some persons did heretofore manage their secresies by cyphers composed of figures, but I have no kindness for those contrivements; for all secrets thereby infolded, will be infallibly discovered, if they be intercepted when the cyphers come to light, witness the late Kings Gabinet at *Nasby*.

2. There are also severall wayes of writing by liquors or waters mentioned in naturall magick. The most materiall I shall touch upon.

Porta magia. Lib. 16.

1. He saith, in effect, write what is to be concealed with Vitriol dissolved in boyling water strain'd, any thing else between the lines with burnt straw ground small with Viniger, rub the paper gently, with a spounge dipt in liquor made of unripe galls boyl'd in white Wine, that which was written last will vanish, and the first written will appear.

2. Di-

2. Dissolve Vitriol in water, then soake galls finely powder'd 24 houres in water, clear the water and write what you would conceal, to return the writing dip the paper in the first liquor, but I find these two wayes very fallacious.

The best way is this, bruise a gall grosly, put it into a rag and then into a sawcer of river-water, in 5. or 6. minutes, sometimes lesse according to the season of the year, the water will turn to a yellowish green (if it turn red the gall is faulty) cast out the rag, and to return what you write therewith, boyle a pound of green Coppras in a quart of water till you have brought it to a pap, take it out of the pipkin and keep it cold for your use: 6. or 8. grains dissolved in a sawcer of water will return the writing; yet this is onely for present use, because the damp of the night or heat of the fire will shew it, though it be more critically raised then he appoints. Dissolve Allom, or Salt Ammoniac in water, and write what you would have concealed upon fine linnen, sarcenet, or the like; when it is dipt in the water, the linen will

seem darkned, and the writing grow clear and legible; for where Allom, Vitriol, or any Astringent is dissolved, those parts will admit water last; but fire will return the secret, especially if it be wrote upon paper.

Letters wrote with the juice of Citrons, Lemons, &c. cast into a liquor made of Litharge steep't in Vineger will appear white and legible; but any thing wrote with those or any other sharpe juyces will be also detected by fire, so there is no need of a decyphering water; yet that liquor made of Litharge may be so exactly raised, that you cannot discover what is written therewith, unless you gently burn the paper, and read as that burnes; and here I shall take occasion to detect the fallacies of those waters raised by lime, Litharge, distilled Vineger & Orpiment, &c. If the cyphering water be not very critically raised, fire will return whats written. If it stand open but a short time or be kept stale, the damp of the night, or the heat of the Sun, or the body will return it; or if it be intercepted, by casting it into fair water, the secret will be disclosed; and if the

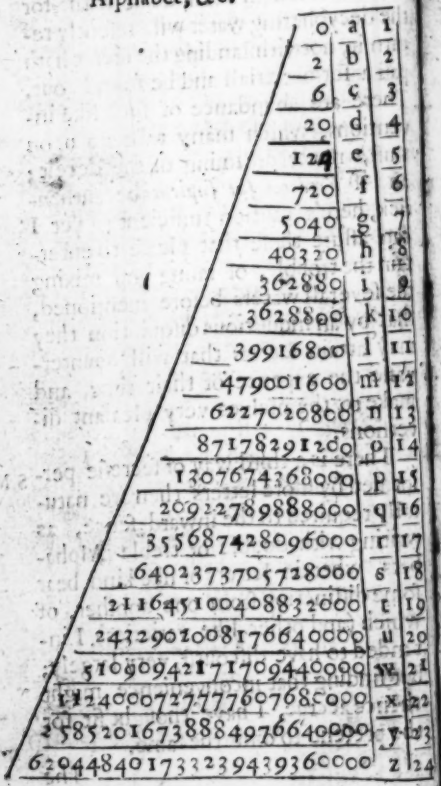
paper

paper be gently dryed, you cannot discover that it hath been dealt with, for the decyphering water wil presently return it, notwithstanding the secret hath past a former triall and be found out. There are abundance of such like inventions, which many take up upon trust, never dreaming of the deceit; and if *Verbum sat sapienti* be authentick, here's caution sufficient; yet I can assure those that please to entertain the trouble, of tasing and mixing the severall waters before mentioned, that by an industrious disquisition they may attain secrets that will countervaile the expence of their time, and make to themselves very pleasant diversions.

There is a third way of secresie performed by more letters then are naturally required to the inward sence, as writing with double or treble Alphabets, wherein letters of like kind bear some distinction from one another, of which (and other like varieties) I intended to have discourst very largely; but finding that inconvenience might thence accrue, I have thought fit for the present to omit the same. S.M. 89.

The

The Table denoting the Variations upon the Alphabet, &c.



123	213
132	312
231	321

And as 123 so a b c will admit of 6 Variations.

abc	bac
acb	cab
bca	cba

The 24 Variations upon 4 places.

1234	1342
1324	1432
2134	3412
2314	3142
3124	4132
3214	4312
1423	2341
1243	2431
2143	3241
2413	3421
4123	4231
4213	4321

The 120 Variations upon 5 places.

13452	23451	32451
13542	23541	32541
14352	24351	34251
14532	24531	34521
15342	25341	35241
14532	25431	35421
12453	21453	31542
12543	21543	31452
14253	24153	34152
14523	24513	34512
15243	25143	35412
15423	25413	35142
12354	23154	31254
12534	23514	31524
13254	21354	32154
13524	21534	32514
15234	25134	35124
15324	25314	35214
12345	21345	34125
12435	21435	34215
13245	23145	42351
13425	23415	42531
14235	24135	43251
14325	24315	43521
		45231

45321	42153	43215	53142	54213
41352	42513	52341	53412	51234
41532	45123	52431	54132	51324
43152	45213	53241	54312	52134
43512	41235	53421	51243	51314
45132	41325	54231	51423	53124
45312	42135	54321	52143	53214
41253	42315	51342	52413	
41523	43125	51432	54123	

The 720 Variations upon 6 places, figures, letters, bells, instruments, &c.

123456	145236	136425	123654	156234
123546	145326	136245	123564	156324
124356	152346	132465	125364	162354
124536	152436	132645	125634	162534
125346	153246	142365	126354	163254
125436	153426	142635	126534	163524
132456	154236	143265	132654	165234
132546	154326	143625	132564	165324
134256	123465	146235	135264	124563
134526	123645	146325	135624	124653
135246	124365	164325	136254	125463
135426	124635	164235	136524	125643
142356	126345	162345	152364	126543
142536	126435	162435	152634	126453
143256	134265	163245	153624	142653
143526	134625	163425	153264	142563

145263 153642 251346 261435 215643
145623 154362 251436 213564 216453
146253 154632 253146 213654 216543
146523 156432 253416 215634 245613
154623 156342 254136 215364 245163
154263 165432 254316 216354 246153
152463 165342 213465 216534 246513
152643 163452 213645 231564 241563
156243 163542 214265 231654 241653
156423 164352 214635 235164 251463
165423 164532 216245 235614 251643
165243 213456 216425 236514 254163
162453 213546 231645 236154 254613
162543 214356 231465 251364 256143
164253 214536 234165 251634 256413
164523 215346 234615 253164 265413
134562 215436 236145 253614 265143
134652 231456 236415 256134 264153
135462 231546 243165 256314 264513
135642 234156 243615 265134 261453
136452 234516 241365 265314 261543
136542 235146 241635 261354 265431
143562 235416 246135 261534 26534
143652 241356 246315 263154 264531
145362 241536 263415 263514 264351
145632 243156 263145 214563 263451
146532 243516 264135 214653 263541
146352 245136 264315 215463 256431
153462 245316 261345 256341

254361 341526 364125 362514 362451
254631 342156 364215 314652 365241
253641 342516 362145 314562 365421
253461 345126 362415 315462 356241
245631 345216 361245 315642 356421
245361 351246 361425 316542 354261
243561 351426 312564 316452 354621
243651 352146 312654 341562 352461
246351 352416 315264 341652 352641
246531 354126 315624 346152 342651
234561 354216 316524 346512 342561
234651 312465 316254 345162 345261
235461 312645 326154 345612 345621
235641 314265 326514 351642 346521
236541 314625 325164 351462 346251
236451 316245 325614 354162 324651
312456 316425 321564 354612 324561
312546 324615 321654 356142 325641
314526 324165 351264 356412 325461
314256 321465 351624 365412 326541
315246 321645 352164 365142 326451
315426 326145 352614 364152 412356
321456 326415 356124 364512 412536
321546 341265 356214 361452 413256
324156 341625 365124 361542 413526
324516 342165 365214 364521 415236
325416 342615 361254 364251 415326
325146 346125 361254 362541 421356
341256 346215 362154 421536

423156	421635	465123	461532	513426
423516	423165	465213	465321	514236
425136	423615	461253	465231	514326
425316	426315	461523	462351	521346
431256	426135	462153	462531	521436
431526	412365	462513	463521	523146
432156	412635	413652	463251	523416
432516	413265	413562	456231	524136
435126	413625	415362	456321	524316
435216	416235	415632	452361	531246
451236	416325	416532	452631	531426
451326	412653	416352	453261	532146
452316	412563	431652	453621	532416
452316	415263	431562	435621	534126
453126	415623	435162	435261	534216
453216	416253	435612	432561	541236
461235	416523	436512	432651	541326
461325	421563	436152	436251	542136
462135	421653	453162	436521	542316
462315	425163	453612	423561	543216
463125	425613	451362	423651	512364
463215	426153	451632	425361	512634
436125	426513	456132	425631	513624
436215	456123	456312	426531	513264
431265	456213	465312	426351	516234
431625	452163	465132	512346	516324
432165	452613	463512	512436	521364
432165	451263	463152	513246	521634
421365	451623	461352		523164

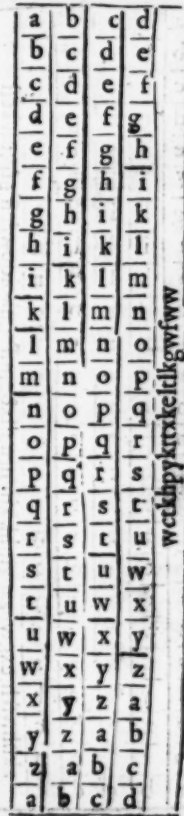
523614	541623	561342	641235	653214
526314	541263	563142	641325	631254
526134	546123	563412	642135	631524
531264	546213	564132	642315	632154
531624	564123	564312	643125	632514
532164	564213	564321	643215	635124
532614	561243	564231	632145	635214
536124	561423	563241	632415	623154
536214	562143	563421	631245	623514
561234	562413	562341	631425	621354
561324	513462	562431	634125	621534
562134	513642	542631	634215	625134
562314	514362	542361	621345	625314
563124	514632	543261	621435	612354
563214	516432	543621	623145	612534
512643	516342	546321	623415	613254
512463	531642	546231	624315	613524
514623	531462	534621	624135	615234
514263	534162	534261	612345	615324
516243	534612	532461	612435	612453
516423	536142	532641	613245	612543
521643	536412	536241	613425	614253
[illegible]463	543162	536421	614235	614523
524163	543612	[illegible]461	614325	615423
524613	541362	523641	651234	615243
526143	541632	524361	651324	621453
526413	546132	524631	652134	621543
542613	546312	526431	652314	624153
542163	561432	526341	653124	624513

625143 652413 635412 654321 632541
625413 615432 641352 654231 634251
642513 615342 641532 652341 634521
642153 613452 643152 652431 635421
641253 613542 643512 653241 635241
641523 614352 645132 653421 623451
645123 614532 645312 642351 623541
645213 634512 651342 642531 624351
654213 634152 651432 643251 624531
654123 631452 653142 643521 625341
651243 631542 653412 645321 625431
651423 635142 654132 645231
652143 654312 632451

a	b	c	
b	c	d	
c	d	e	
d	e	f	
e	f	g	
f	g	h	
g	h	i	
h	i	k	
i	k	l	
k	l	m	
l	m	n	
m	n	o	
n	o	p	
o	p	q	
p	q	r	
q	r	s	
r	s	t	
s	t	u	
t	u	w	
u	w	x	
w	x	y	
x	y	z	
y	z	a	
z	a	b	
a	b	c	

wuxouquwomohmolxwuhtwqwobsxw

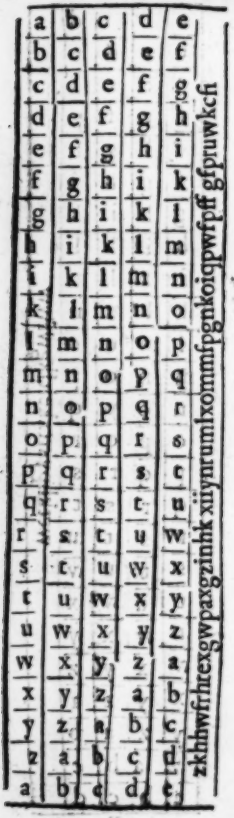
a	b	c	d
b	c	d	e
c	d	e	f
d	e	f	g
e	f	g	h
f	g	h	i
g	h	i	k
h	i	k	l
i	k	l	m
k	l	m	n
l	m	n	o
m	n	o	p
n	o	p	q
o	p	q	r
p	q	r	s
q	r	s	t
r	s	t	u
s	t	u	w
t	u	w	x
u	w	x	y
w	x	y	z
x	y	z	a
y	z	a	b
z	a	b	c
a	b	c	d



wctkhpykrtxkeltlkgwfww

a	b	c	d	e
b	c	d	e	f
c	d	e	f	g
d	e	f	g	h
e	f	g	h	i
f	g	h	i	k
g	h	i	k	l
h	i	k	l	m
i	k	l	m	n
k	l	m	n	o
l	m	n	o	p
m	n	o	p	q
n	o	p	q	r
o	p	q	r	s
p	q	r	s	t
q	r	s	t	u
r	s	t	u	w
s	t	u	w	x
t	u	w	x	y
u	w	x	y	z
w	x	y	z	a
x	y	z	a	b
y	z	a	b	c
z	a	b	c	d
a	b	c	d	e

zkhhwfrhrexgwpaxgzinhk xiiynrumlxommfpgnkoiqpwfpff gfpruwkcfi



a	b	c	d	e	f	
b	c	d	e	f	g	
c	d	e	f	g	h	i
d	e	f	g	h	i	k
e	f	g	h	i	k	l
f	g	h	i	k	l	m
g	h	i	k	l	m	n
h	i	k	l	m	n	o
i	k	l	m	n	o	p
k	l	m	n	o	p	q
l	m	n	o	p	q	r
m	n	o	p	q	r	s
n	o	p	q	r	s	t
o	p	q	r	s	t	u
p	q	r	s	t	u	w
q	r	s	t	u	w	x
r	s	t	u	w	x	y
s	t	u	w	x	y	z
t	u	w	x	y	z	a
u	w	x	y	z	a	b
w	x	y	z	a	b	c
x	y	z	a	b	c	d
y	z	a	b	c	d	e
z	a	b	c	d	e	f
a	b	c	d	e	f	

xlkpkomodumtdzwmeihqoiwkxhricqhyxrdfwzkihbxthis

z	a	b	c	d	e	f	g	h	i
a	b	c	d	e	f	g	h	i	k
b	c	d	e	f	g	h	i	k	l
c	d	e	f	g	h	i	k	l	m
d	e	f	g	h	i	k	l	m	n
e	f	g	h	i	k	l	m	n	o
f	g	h	i	k	l	m	n	o	p
g	h	i	k	l	m	n	o	p	q
h	i	k	l	m	n	o	p	q	r
i	k	l	m	n	o	p	q	r	s
k	l	m	n	o	p	q	r	s	t
l	m	n	o	p	q	r	s	t	u
m	n	o	p	q	r	s	t	u	w
n	o	p	q	r	s	t	u	w	x
o	p	q	r	s	t	u	w	x	y
p	q	r	s	t	u	w	x	y	z
q	r	s	t	u	w	x	y	z	a
r	s	t	u	w	x	y	z	a	b
s	t	u	w	x	y	z	a	b	c
t	u	w	x	y	z	a	b	c	d
u	w	x	y	z	a	b	c	d	e
w	x	y	z	a	b	c	d	e	f
x	y	z	a	b	c	d	e	f	g
y	z	a	b	c	d	e	f	g	h
z	a	b	c	d	e	f	g	h	i

hduxuoosokbrxkwriiltgpipxxqzps ufymiowsaxreuimwxgimmoiueocxuh

p	q	r	s	t	u	w	x	y	z
q	r	s	t	u	w	x	y	z	a
r	s	t	u	w	x	y	z	a	b
s	t	u	w	x	y	z	a	b	c
t	u	w	x	y	z	a	b	c	d
u	w	x	y	z	a	b	c	d	e
w	x	y	z	a	b	c	d	e	f
x	y	z	a	b	c	d	e	f	g
y	z	a	b	c	d	e	f	g	h
z	a	b	c	d	e	f	g	h	i
a	b	c	d	e	f	g	h	i	k
b	c	d	e	f	g	h	i	k	l
c	d	e	f	g	h	i	k	l	m
d	c	f	g	h	i	k	l	m	n
e	f	g	h	i	k	l	m	n	o
f	g	h	i	k	l	m	n	o	p
g	h	i	k	l	m	n	o	p	q
h	i	k	l	m	n	o	p	q	r
i	k	l	n	n	o	p	q	r	s
k	l	m	n	o	p	q	r	s	t
l	m	n	o	p	q	r	s	t	u
m	n	o	p	q	r	s	t	u	w
n	o	p	q	r	s	t	u	w	x
o	p	q	r	s	t	u	w	x	y
p	q	r	s	t	u	w	x	y	z

a	b	c	d	e	f	g	h	i	k	a
b	c	d	e	f	g	h	i	k	a	b
c	d	e	f	g	h	i	k	a	b	c
d	e	f	g	h	i	k	a	b	c	d
e	f	g	h	i	k	a	b	c	d	e
f	g	h	i	k	a	b	c	d	e	f
g	h	i	k	a	b	c	d	e	f	g
h	i	k	a	b	c	d	e	f	g	h
i	k	a	b	c	d	e	f	g	h	i
k	a	b	c	d	e	f	g	h	i	k
l	m	n	o	p	q	r	s	t	u	l
m	n	o	p	q	r	s	t	u	w	m
n	o	p	q	r	s	t	u	w	x	n
o	p	q	r	s	t	u	w	x	y	o
p	q	r	s	t	u	w	x	y	z	p
q	r	s	t	u	w	x	y	z	a	q
r	s	t	u	w	x	y	z	a	b	r
s	t	u	w	x	y	z	a	b	c	s
t	u	w	x	y	z	a	b	c	d	t
u	w	x	y	z	a	b	c	d	e	u
w	x	y	z	a	b	c	d	e	f	w
x	y	z	a	b	c	d	e	f	g	x
y	z	a	b	c	d	e	f	g	h	y
z	a	b	c	d	e	f	g	h	i	z
a	b	c	d	e	f	g	h	i	k	a

gwwww gqdw kxxbx

p	q	r	s	t	u	w	x	y	z	p
q	r	s	t	u	w	x	y	z	p	q
r	s	t	u	w	x	y	z	p	q	r
s	t	u	w	x	y	z	p	q	r	s
t	u	w	x	y	z	p	q	r	s	t
u	w	x	y	z	p	q	r	s	t	u
w	x	y	z	p	q	r	s	t	u	w
x	y	z	p	q	r	s	t	u	w	x
y	z	p	q	r	s	t	u	w	x	y
z	p	q	r	s	t	u	w	x	y	z
a	b	c	d	e	f	g	h	i	k	a
b	c	d	e	f	g	h	i	k	a	b
c	d	e	f	g	h	i	k	a	b	c
d	e	f	g	h	i	k	a	b	c	d
e	f	g	h	i	k	a	b	c	d	e
f	g	h	i	k	a	b	c	d	e	f
g	h	i	k	a	b	c	d	e	f	g
h	i	k	a	b	c	d	e	f	g	h
i	k	a	b	c	d	e	f	g	h	i
k	a	b	c	d	e	f	g	h	i	k
l	m	n	o	p	q	r	s	t	u	w
m	n	o	p	q	r	s	t	u	w	x
n	o	p	q	r	s	t	u	w	x	y
o	p	q	r	s	t	u	w	x	y	z
p	q	r	s	t	u	w	x	y	z	p

gwwww gqdw kxxbx

a	b	c	d	e	f	g	h	i	k
b	c	d	e	f	g	h	i	k	l
c	d	e	f	g	h	i	k	l	m
d	e	f	g	h	i	k	l	m	n
e	f	g	h	i	k	l	m	n	o
f	g	h	i	k	l	m	n	o	p
g	h	i	k	l	m	n	o	p	q
h	i	k	l	m	n	o	p	q	r
i	k	l	m	n	o	p	q	r	s
k	l	m	n	o	p	q	r	s	t
l	m	n	o	p	q	r	s	t	u
m	n	o	p	q	r	s	t	u	w
n	o	p	q	r	s	t	u	w	x
o	p	q	r	s	t	u	w	x	y
p	q	r	s	t	u	w	x	y	z
q	r	s	t	u	w	x	y	z	a
r	s	t	u	w	x	y	z	a	b
s	t	u	w	x	y	z	a	b	c
t	u	w	x	y	z	a	b	c	d
u	w	x	y	z	a	b	c	d	e
w	x	y	z	a	b	c	d	e	f
x	y	z	a	b	c	d	e	f	g
y	z	a	b	c	d	e	f	g	h
z	a	b	c	d	e	f	g	h	i

xxr.n ztup uiip fuxyen ybqg ysycwt fquox zomk app
cszk iwsfqrx afuh lux wnq xkap prts aykw

d	g	h	k	l	f	p	q	b
g	h	k	l	f	p	q	b	d
h	k	l	f	p	q	b	d	g
k	l	f	p	q	b	d	g	h
l	f	p	q	b	d	g	h	k
f	p	q	b	d	g	h	k	l
p	q	b	d	g	h	k	l	f
q	b	d	g	h	k	l	f	p
b	d	g	h	k	l	f	p	q
d	g	h	k	l	f	p	q	b

a	e	i	o	u	c	m	n	t	a
e	i	o	u	c	m	n	t	a	e
i	o	u	c	m	n	t	a	e	i
o	u	c	m	n	t	a	e	i	o
u	c	m	n	t	a	e	i	o	u
c	m	n	t	a	e	i	o	u	c
m	n	t	a	e	i	o	u	c	m
n	t	a	e	i	o	u	c	m	n
t	a	e	i	o	u	c	m	n	t
a	e	i	o	u	c	m	n	t	a

t	s	w	x	y	z	r
s	w	x	y	z	r	s
w	x	y	z	r	s	w
x	y	z	r	s	w	x
y	z	r	s	w	x	y
z	r	s	w	x	y	z
r	s	w	x	y	z	t

ypuugsuotnzpidquntormn
mtuaxtncxluiaokonxkcsxte
suwequruwncqgmaum

AB	a	b	c	d	e	f	g	h	i	k	l	m
	n	o	p	q	r	s	t	u	w	x	y	z
CD	a	b	c	d	e	f	g	h	i	k	l	n
	z	n	o	p	q	r	s	t	u	w	x	y
EF	a	b	c	d	e	f	g	h	i	k	l	n
	y	z	n	o	p	q	r	s	t	u	w	x
GH	a	b	c	d	e	f	g	h	i	k	l	n
	x	y	z	n	o	p	q	r	s	t	u	w
IK	a	b	c	d	e	f	g	h	i	k	l	n
	w	x	y	z	n	o	p	q	r	s	t	u
LM	a	b	c	d	e	f	g	h	i	k	l	m
	u	w	x	y	z	n	o	p	q	r	s	t
NO	a	b	c	d	e	f	g	h	i	k	l	n
	t	u	w	x	y	z	n	o	p	q	r	s
PQ	a	b	c	d	e	f	g	h	i	k	l	m
	s	t	u	w	x	y	z	n	o	p	q	r
RS	a	b	c	d	e	f	g	h	i	k	l	m
	r	s	t	u	w	x	y	z	n	o	p	q
TV	a	b	c	d	e	f	g	h	i	k	l	m
	q	r	s	t	u	w	x	y	z	n	o	p
WX	a	b	c	d	e	f	g	h	i	k	l	m
	p	q	r	s	t	u	w	x	y	z	n	o
YZ	a	b	c	d	e	f	g	h	i	k	l	m
	o	p	q	r	s	t	u	w	x	y	z	n

A	bc	def	ghi	klm	nop	qrs	tuw	xyz
P	qr	ttu	wxy	zab	cde	fgh	ikl	mno
R	ft	uwx	yza	bcd	efg	hik	lmn	opq
U	wx	yza	bcd	efg	hik	lmn	opq	rst
D	ef	ghi	klm	nop	qrs	tuw	xyz	abc
E	fg	hik	lmn	opq	rst	vwx	yza	bcd
N	op	qrs	tuw	xyz	abc	def	ghi	klm
T	uw	xyz	abc	def	ghi	klm	nop	qrs
I	kl	mno	pqr	ttu	wxy	zab	cde	fgh
A	bc	def	ghi	klm	nop	qrs	tuw	xyz

lz rgnx llmbnxp liz gdz ax ofum ap
qmh uno tlzmilop fgtkqn
wso okzi xkxu b ydmg oe pdn
ufqk rzsd fzai csnh

ty zdw

The *Clavis* to this Example is (*viz.*)

Tempore fælici multi numerantur amici:
Cùm fortuna perit, nullus amicus erit.

Which unfoldeth the inward meaning (by which may be found out the cypher whereby it is infolded) and renders it thus, (*viz*)

He that strives all men to please
and not himself offend,
May fall upon a work to day
that ne're will have

Industriæ [illegible]

AN END.

The *Clavis* to the inward ſenſe comprehended in the line of 28. letters affixed to the firſt Cypher page 54. beginning with *ABC* is ——— 312

The inward ſenſe *Stultorum infinitus eſt numerus*, which is infolded after the following order, viz.

2123123123 312312312 312 3123123
Stultorum infinitus eſt numerus

Having thus prepared the work, caſt your eye upon *ſ*, the firſt letter of the firſt word (in either of the 3. ranks of letters in the firſt Cypher) and look downward, and you will find the third letter from *ſ* to be *w*, and the firſt from *t* to be *u*, and the ſecond from *u* to be *x*, and the third from *l* to be *o*, &c. and proceeding after that order, thoſe words infolded will be (as in that Cypher) in the letters *wuxouquw*, &c. which may be reduced to their firſt predicament thus, viz.

3 123123 123123123 231231231 23
wuxo uquwomobma lxwuh twqwoh sxw

Caſt your eye upon *w*, (in either of the ranks of letters in the Cypher) and you will find the third letter from *w* to be *ſ*, and the firſt from *u* to be *t*, and the ſecond from *x* to be *u*, *&c. ſic in cæteris.*

Hence it is apparent, that if the *Clavis* be known, the inward ſenſe may be unfolded, and (*è contra*) the inward ſenſe being known the *Clavis* may be diſcovered, and conſequently that the former inſtructions and following intimations will clearly prove the Authors aſſertions;

The *Clavis* to the ſecond Cypher is ——— 3241
To the third ——— ——— 52314
To the fourth ——— ——— 246351

The

The inward sense is, viz.

When folly sits at the helm, wit creeps under the hatches.

To the fifth ——————— ——— 71625394

The inward sense in the 6. cypher is, *Honos alit artes.*

In the 7. *Quod volo non possum, quod possum nolo vi-*
Tota hominis vita est nil nisi nolo, volo. *(cissim.*

In the 8. *When Princes fall, none so injurious be*
To their Persons as the Rascalitie, and

The inward sense of the first of those three Examples, page 34. is, viz.

When Buzzards are advanc'd they'l fly an Eagles pitch,
When Eagles are deplum'd the Flies may blow their

And these words, viz. *(breech.*

He that will thrive at Court and keep his ranks,
Must receive injuries and return thanks.

By the *Clavis* 1958273641. and the 7. Cypher will be rendred thus, viz.

rm eihx cnmu zqtqyk eu mteth dth lokyg pmz wbxpb
ocwa wfmkrxm mtnwbonu hqk wfdaapn xoeoty

Which words, or any other, by the variations in the *Clavis*, may be 362880. several wayes securely cyphered, and by the addition of any one of the former figures to the *Clavis*, and the same Cypher, 3628800. different wayes, in every of which the inward sense, though variously represented, will be legible to the Correspondents: And it is worthy the Readers notice, that 55. of the 74. letters contained in the last Example, are infolded in 19. letters of the Alphabet.

Place this between the first and second Cyphers page 54.

TO THE
RIGHT WORSHIPFULL
HIS
WORTHY HONORED FRIEND
Sir *Orlando Bridgman*
Knight.

NOAH BRIDGES,

TO INTIMATE HIS RETENTION OF THOSE *UNSPOTTED RESPECTS* WHICH HE DID EVER PAY HIS *GENEROSITY* AND *AFFABILITY*,

DEDICATETH
THESE *ARTS* AND
CURIOSITIES.

TO THE

RIGHT WORSHIPFUL

HIS

WORTHY HONOURED FRIEND

SIR [illegible]

[illegible]

[illegible]

TO INTIMATE HIS RE-

TENTION OF THOSE

RESPECTS

WHICH HE DID EVER PAY

HIS [illegible]

AFFABILITY.

DEDICATETH

THESE ARTS AND

CONCEITS.

To the READER.

I Think it fit to acquaint thee that several Cyphers and other Papers of Secret Writing which were many years since plunder'd from the Author of the following Tracts, came shortly after to my hands, and have lain long by me to little purpose; for notwithstanding his Publication of the following Discourse thereof, my great pains to make some progress therein came to nothing untill he in his second Edition gave the Learner Directions how to proceed: Since then I have made out his methods, and thereby understand his ingenious Contrivements

of the Alphabets, and how he thereby Cyphers and Decyphers secret Concernments; and in the first place I lead thee by the hand from familiar Examples, and the beginnings of that Art (as I find them in his Papers) to the sublime curiosities thereof, which in my opinion will be to thee a service very acceptable; and being I have no ends beyond the kindness I owe to common capacities, and the publick, I hope to meet with a general pardon both from the great Masters of that rare Art, and from all others, and the rather, because I conceive it cannot be prejudicial to matters of State for every ordinary person to be able to conceal his own Concerns in a Character only legible to himself, and that no man in a condition where the managery of the Pen is requisite, but may have occasion to lay by something secretly to prevent intrusion into his private affairs. I mean well to all, and so consequently have the less to account for; but however I am concluded, I shall shortly (if I live) be

Thy more useful Friend

G. B.

According to my undertaking I shall Illustrate this Art in its Originals by easie Examples (of which I lately thought my self as ignorant as any that are to learn) and from thence shew how the Authors Contrivements from time to time still rendred the same more intricate and recluse to the Inquisitor; till Art (in the Conclusion) shut Art (in the disquisition) out a doors.

First write down the Alphabet thus

a b c d e f g h i k l m n o p q r s t u w x y z.

Now suppose I were to send the Watch-word (or any other secret) to a Confederate, *viz. God with us.* To change the Letters of those words into contrary Characters not to be understood (in case of interception) but by the Confederate; I agree with him upon a Clavis or Key, so called because those Letters are to be thereby first cypher'd, locke, or infolded to distract the sense; and then to be decypher'd, unfolded or unlockt and made legible to the Confederate only, *viz.*

Let the Clavis or Key be 2 3 4 5 which must be placed over the secret to be cypher'd, lockt, or insolded thus

234 5234 52
God with us

234 5234 52
God with us and continued, if the clause were longer, so long as there is a Letter to be lockt, as will hereafter be more perspicuous.

Then I begin and say the second Letter from G (forwards towards the right hand) is I the third from O is R the fourth from D is H the fifth from W is B the second from I is L and so proceeding in that order, those words will be comprehended in these Letters *irhblxman*

Then the Confederate to unlock those Letters must place the Key over them

234 5234 52

thus *viz. irhblxman* and say the second Letter from I (backwards toward the left hand) is G the third from R is O the 4th. from H is D &c. by which means the intended sense is easily understood, which without the Key cannot be legible to any but the Confederate; and so by different Keys, and one of the following Cyphers a correspondence may be maintained with all manner of per-

sons

sons or every man may infold his own secrets thereby at pleasure.

Another Easie and familiar way thus:

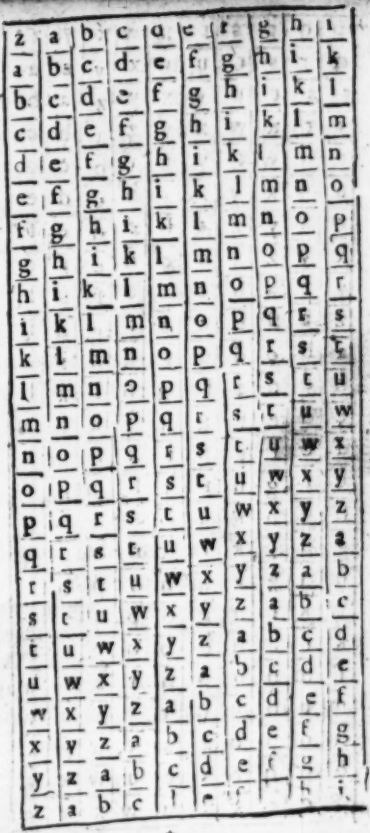
Set down the Alphabet twice, first in a direct order then indirectly or in verse, *viz.*

a b c d e f g h i k l m n o p q r s t u w x y z
z y x w u t s r q p o n m l k i h g f e d c b a

And to lock the former words (*God with us*) take each Letter opposite to the Letters to be lockt, *viz.* for G an S for O an L for d a W &c. and the Letters in the words to be lockt will be comprehended in these Letters *s l w d q f r e g* then to unlock them for s take G for L an O for W a D and the words will be soon returned to their first predicament. But the Author not much applauding this method as conceiving it not sufficiently secure against an artificial scrutiny, I shall quit that and touch upon his next which is more safe and concise.

In his second Edition between the first and second Cyphers, *pag.* 54. he lays down an easie method for unlocking the lines affixed to those Cyphers (and some of those that follow) and I must confess my self much delighted in those Contrivements, but because they

are (by his directions there) obvious to the meaneſt capacities, I only hint that method and proceed to his next which is more ready and pleaſant, and ſhall demonſtrate the ſame by his ſixth Cypher, *pag.* 61. and afterwards more conciſely by an excellent Cypher of his now in my cuſtody. But before I ſhew the order of the work, I muſt frame that ſixth Cypher anew, for I conceive he hath purpoſely diſordered the Letters in their ranks to perplex the inquiſitor.



p	q	r	s	t	u	w	x	y	z
q	r	s	t	u	w	x	y	z	a
r	s	t	u	w	x	y	z	a	b
s	t	u	w	x	y	z	a	b	c
t	u	w	x	y	z	a	b	c	d
u	w	x	y	z	a	b	c	d	e
w	x	y	z	a	b	c	d	e	f
x	y	z	a	b	c	d	e	f	g
y	z	a	b	c	d	e	f	g	h
z	a	b	c	d	e	f	g	h	i
a	b	c	d	e	f	g	h	i	k
b	c	d	e	f	g	h	i	k	l
c	d	e	f	g	h	i	k	l	m
d	e	f	g	h	i	k	l	m	n
e	f	g	h	i	k	l	m	n	o
f	g	h	i	k	l	m	n	o	p
g	h	i	k	l	m	n	o	p	q
h	i	k	l	m	n	o	p	q	r
i	k	l	m	n	o	p	q	r	s
k	l	m	n	o	p	q	r	s	t
l	m	n	o	p	q	r	s	t	u
m	n	o	p	q	r	s	t	u	w
n	o	p	q	r	s	t	u	w	x
o	p	q	r	s	t	u	w	x	y
p	q	r	s	t	u	w	x	y	z

Admit the words to be lockt the ſame as in the former Examples, *viz. God with us*, and the Key to be 9 7 5 8 3 6 4 1 2 and the work will ſtand thus 9 7 5 8 3 6 4 1 2

G o d w i t h u s then (by the left hand ſquare) ſay the 9th. from g (in the firſt line towards the right hand) is Q the 7th. from O is w the 5th. from D is I and ſo proceed, and thoſe words will be repreſented in theſe Letters, *viz. qwiemamww*, where note that the words which conſiſt of 9 Letters are repreſented by 7 for w repreſents o and u and m repreſents I and H and q and i and e and a and u repreſents g and d and t and W and S which is very difficult if at all poſſible to be diſcovered if intercepted. To unlock thoſe Letters the work muſt ſtand

9 7 5 8 3 6 4 1 2

thus, *viz. qwiemamww* then look q in the outermoſt line in the ſquare on the right hand and the 9th. Letter from that towards the left hand (in the ſame ſquare) is g the 7th. from W is O the 5th. from I is d and after that order thoſe Letters will be brought to their firſt predicament.

This Cypher and the Example from thence

thence cannot but be highly delightful to the Learner, but that which I formerly mentioned to be in my Custody, and which I shall next insert will, by the Example illustrating the same, appear a very rare Curiosity.

	1	2	3	4	5	6	7	8	9
a	b	c	d	e	f	g	h	i	k
b	c	d	e	f	g	h	i	k	l
c	d	e	f	g	h	i	k	l	m
d	e	f	g	h	i	k	l	m	n
e	f	g	h	i	k	l	m	n	o
f	g	h	i	k	l	m	n	o	p
g	h	i	k	l	m	n	o	p	q
h	i	k	l	m	n	o	p	q	r
i	k	l	m	n	o	p	q	r	s
k	l	m	n	o	p	q	r	s	t
l	m	n	o	p	q	r	s	t	u
m	n	o	p	q	r	s	t	u	w
n	o	p	q	r	s	t	u	w	x
o	p	q	r	s	t	u	w	x	y
p	q	r	s	t	u	w	x	y	z
q	r	s	t	u	w	x	y	z	a
r	s	t	u	w	x	y	z	a	b
s	t	u	w	x	y	z	a	b	c
t	u	w	x	y	z	a	b	c	d
u	w	x	y	z	a	b	c	d	e
w	x	y	z	a	b	c	d	e	f
x	y	z	a	b	c	d	e	f	g
y	z	a	b	c	d	e	f	g	h
z	a	b	c	d	e	f	g	h	i
a	b	c	d	e	f	g	h	i	k

9	8	7	6	5	4	3	2	1

Under this Cypher I found the Example set down, but no Directions thereon, nor could I possibly find out the contrivement till I met with the Authors Directions in the second Edition of the following Tracts, as I formerly hinted.

918 273645191 82736 4519182
Dii laboribus omnia vendunt
nkr nheuw oceet xoumg zkonwn

The method is the same as in the last, *viz.* beginning at the utmost line towards the left hand, I say the 9th. from D (towards the right hand in a direct line) is N the first from I is K the 8th. from I is R which produceth the letters above specified, then to unlock them begin at the utmost line on the right hand and say the 9th. from N (towards the left hand in a direct line) is D the first from K is I the 8th. from R is I, and by that method the letters will be restored to their first sense; and I conceive he holds this Cypher sufficiently safe for infolding any secret, and proves that 50l. worth of Paper will not contain the variations in a Clavis of 8 places.

You

You may now find the Clavis to the 6 Cypher (the inward sense being *Honos alit Artes*) to be 77873655295394 which is lockt and unlockt by the last method, by which the Key to the inward sense in the 7th. Cypher may be most easily found out, and the words lockt and unlockt likewise.

The 9th. Cypher I find to be a variery of another nature, and the words to be infolded by a literal Clavis (a Key of Letters) *viz.* thus performed

deadeade ade
homicida est the words are to be lockt are *homicida est*, and the Clavis is *dea*, look H in one of the lines opposite to the Capitals C D and the next letter under it is t, then look O in one of the lines opposite to the Capitals E f, and the next letter under it is D, do so in the rest and the words to be lockt will be represented by the letters *tdzumyrgi*, to unlock which set the Clavis over them, and look t in one of the lines opposite to the Capitals C D and the next letter under I is H, then look D in the lines opposite to the Capitals E f and the next letter under D is O and so in the rest.

Amongst

Amongst those Papers so falling into my hands as aforesaid, are several Tables and Squares in order to distinct compliances by a Diurnal, a Bill of petty Expences, Letters of common discourse and the like, too crabbed for my capacity; also two papers, the one containing a discourse of the power of Numbers, and the other of Secret Writing by Waters and Juices, both which are inserted as followeth.

The word CAROLUS may be made differently out of these Letters 3583 1808 times and no more

c c c c c c c c c c c c
a a a a a a a a a a a a
r r r r r r r r r r r r
o o o o o o o o o o o o
l l l l l l l l l l l l
u u u u u u u u u u u u
s s s s s s s s s s s s

Here are 7 different letters each 12 times repeated, the rule to know the varieties is this:

Set down the Number 12 seven times, and multiply those 7 twelves continually, the product gives the varieties required.

Quod

Quod ſat ſit (ſors) da, ſed ne poſt tu rape de me;
Sin te ſic mens fert, va mi! nec fas neque jus vis.

This Diſtick is variable 114400072 7777607680000 wayes, the words *rape & neque* ſtanding alwayes as they are. But if they change places (as they may once) then the former number of varieties will be doubled thus 228800 14555552153600000. Thoſe written in all varieties according to 6 Verſes or 3 Diſticks in the depth of an inch, each Verſe 3 inches long, would fill a roll of Paper of 3 inches breadth 62444848765337600000 feet long, whoſe weight would make 9985791824605 6 of our ordinary Cart loads. The length of that roll will compaſs

The { Body of the Earth = 492769766939 Sphere of the firſt ſtars according to the greateſt allowance of it 8212 } times about.

Upon the ſphere of the fixed ſtars that roll would make Meridians and Paralels

lels to every degree and $\frac{1}{3}$ of minutes besides Circles of Longitude and Latitude upon the same sphere, to every degree and $\frac{1}{10}$ of minutes, with Almicanthars and Azimuths above the Horison to every $\frac{1}{3}$ of a degree and circles of position to every $\frac{1}{2}$ degree both above and below the Horison.

The superficial quantity of it would cover all over the face of the Earth 3055 times the just sphere of the ☽ when she is in her *Perigeum*.

If the former roll were rolled up close together, the Semidiameter of the flat made by it would exceed the Semidiameter of the Earth by 10826 miles.

The same paper would be worth 759204342177914 2 allowing 50 sheets for 6d. *id est* $8\frac{1}{4}$ sheets for a peny.

The Ink that should write the varieties would load 271597787 63 Carts and would fill a pool of $1\frac{4}{100}$ foot depth as broad as the whole Mediteranean Sea, or a pool as broad as all *England*, whose depth is $42\frac{41}{100}$ feet, which Ink (according to the ordinary price of 3d. *per* pint) would be worth 5741577230 5623 *l.* or the former quantity of Ink would

would make up a River of two miles breadth and 47⅞ feet depth, whose length would compass the whole Globe of the Earth,

And if for these two words (*Rape & Neque*) were placed 4 short Monosyllables, then the former varieties would yet be made 12 times so many, namely, 269750174666625843200000 which would be the greatest number of varieties that could possibly be in one Distic.

The rest of the Discourse is in shorthand and Algebraical Characters, which I cannot make out.

* * *Invi-*

Invisible Writing by Waters, &c.

DIssolve Vitriol in boiling water, and when it is clear write therewith, dry the same gently at the fire (or let it dry at leisure, which it will soon do) and the writing will be invisible; when you would return it boil Galls in white wine, dip a feather in the liquor and wipe it over the writing, and it will suddenly burst out like lightning from a cloud.

Vid 43. page of the following treat.

Dissolve Allom in water and write upon white linen or sarcenet, the writing will immediately vanish and not so much as a hair stroke appear. To return the writing dip it in water, the linen will be darkned and the Letters be legible (and invisible again when the linen's dry) or hold it to the fire and it will produce the same effect, but then the

the letters will vaniſh no more.

Write upon a ſtone with the fat of a Goat diſſolved, the letters when dry will be illegible; dip the ſtone in diſtilled Vinegar and the writing will be apparent.

Pulverize Galls and Vitriol and the gum of Juniper, ſtrew it on your paper and rub it hard thereon with a cloth, then poliſh it with a Boars tooth or haft of a knife, write your ſecret upon that paper with fair water or ſpittle, and the letters by degrees will appear black and legible, the ſooner if you wear the paper at your breſt between your ſhirt and doublet.

Write with the juice of Citrons, Orenges, Lemons, Onions, or any other ſharp juices, hold your writing to the fire and their acrimony will be preſently diſcovered, and will ſhew forth thoſe Colours that they would upon the tree when they are ripe. If you write with the juice of ſowr Grapes the writing will appear black, juice of Cherries added to *Calamus* will produce a green, to Sow-bread a red, &c.

Pulverize Sal Ammoniack and diſſolve it in water, when the water is

clear write therewith and the writing will be soon invisible, hold it to the fire and it will immediately grow black and legible.

Take distilled Vinegar, the white of an Egg, and Quicksilver, stir them well together, write what you would have concealed, and to return it scorch the paper upon a hot fire-shovel till it look blackish, and the writing will appear white and legible.

Soak Gum Traganth in water and therewith mingle white Lead, spread it all over your paper, write thereon with a point of Iron or Silver, and you cannot discern whats written but by holding the paper between your eye and the light of a candle.

Write upon the hidden parts of the body, *viz.* Back, Arms, or other Limbs with Urine or distilled Vinegar, and you may return the writing by gently rubing the places with the ashes of burnt straw or paper.

If you make letters with Fat, Tallow, or any fatty substance, or with Gum or Milk of a Fig-tree, the dust of coles or burnt paper will return the writing.

Tithymals, *Pliny* saith the Milk of *Tithymals* will

do the like, *Ovid* confirms this, admonishing Maids in his *Arte Amandi*, how they may safely write to their sweethearts.

Tuta quoq; est fallitq; oculos è lacte recens
Littera, carbonis pollice tange, leges:
Fallit & humidulis quæ fit acumine lineis,
Et ferat occultas pura tabella notas.

Write with new Milk its safe, unseen,
but read
The writing with cole-dust laid on full
right:
Moist flax will write as if that none had
been,
And Letters on your paper pass the
sight.

Dissolve Gum Arabick, or Gun Tragant in water, let the water be clear and you may write upon crystal or glass, and the ashes of burnt straw or paper will return the writing.

Rub your paper with a liquor made of Goats Suet and Turpentine dissolved, when you write lay upon that another paper smeared with fat, write thereon with an Iron or Silver point, and the im-

impreſſion thereof will be upon the firſt paper inviſible till you ſtrew duſt thereon.

Stir the white and yolk of an Egg together that it may be liquid as Ink, write your ſecret therewith, then dry the paper and write over thoſe Letters (with ſtraw-duſt or Lamp black ground with Vineger) any common diſcourſe; and when you would return the firſt writing ſcrape off the ſecond, and the firſt will appear white.

II. With any of the former waters you may write upon an Egg, a ſmooth board, or Ivory, as upon paper; and you may convey a Letter in an Egg thus. Put the Egg in ſharp Vinegar three or four hours, when you find it ſoft, open the ſhell with the edge of your knife, then roll up your Letter in a ſmall roll and put it in, afterwards ſoak the Egg in cold water and the ſhell will grow hard as formerly. If you find that part of the ſhell you open ſubject to diſcovery, mix a little lime and gum and you may ſtop it neatly.

1. THe compleat Clerk, or Conveyancers light, containing the best forms of all sorts of presidents for conveyances and assurances, and other instruments now in use. *quart.*

2. An historical discourse briefly setting forth the nature of Procurations, and somewhat also of Synodals and Pentecostals. *quart.*

3. Observations, Censures and Confutations of notorious errors in Mr. *Hobbes* his Leviathan and other his books. To which are annexed occasional animadversions on some writings of the Socinians and such Hereticks, of the same opinions: by *W. Lucy*, Bishop of *S. Davids. quart.*

4. The British Physician, or the nature and virtues of English plants, exactly describing such plants as grow naturally in our land, with their several names, natures, places, &c. and also of all such forein herbs, roots and plants as are brought hither. *oct. 3 s. price.*

5. *Fax novae linguae Latinae*, a new Torch to the Latine tongue, very useful for Gentlemen, Lawyers and young Clerks, with the approbation of many learned scholars on the work.

6. The method of Chemical Philosophy and Physick, being a brief introduction to the one, and a true discovery of the other, namely, of Diseases, their qualities, causes, symptoms, and certain cures. The like never before extant in English. *oct. large.*

7. The Divine Services and Anthems usually sung in His Majesty's Chapel, and in all Cathedral and Collegiate Churches in *England* and *Ireland*, the second Edition, with large additions: collected by *J. C.*

8. The

8. The Complete Midwifes practice enlarged, in the most weighty and high concernments of the birth of man, containing a perfect directory or rules for Midwifes and Nurses. oct.

9. The Womans counsellour, or the Feminine Physician, modestly treating of such occult accidents and secret diseases as are incident to that sex. oct.

10. *Pre-nuncius Sydereus*, an Astrological Treatise of the effects of the great Conjunction of the two superiour Planets *Saturn* and *Jupiter*, *Octob.* 10. 63. and other Configurations concomitant: wherein the fate of *Europe* for these next twenty years is from the most rational grounds of art more than probably conjectured, and the success of the present design of the Turk against Christendom occasionally hinted at, by *Rich. Edlin.* quart.

11. *Florus Hungaricus*, or the history of *Hungaria* and *Transylvania*, deduced from the original of that Nation, and their setling in *Europe* in the year of our Lord, 461. to this dangerous and suspectful period of that Kingdom by the present Turkish invasion, 1664. oct.

12. VVits Interpreter, the English *Parnassus*, or a sure Guide to those admirable accomplishments that complete our English Gentry in the most acceptable qualifications of discourse or writing: by *J. C.* oct. large.

13. The accomplished Cook, the mystery of the art of Cookery revealed in a more easie and perfect method than hath been published in any language. oct. large.

13. *Moor's* Arithmetick, the second Edition, much refined, containing the whole art of Arithmetick, as well in Numbers as Species. oct.

15. The Reformed Presbyterian, by *Rich. Lapley*. oct. large.

FINIS.

D	D				
		ply		blind	
ab		plo		bond	
		plu		bonds	
ib				breath	
ob		aid		dearth	
ub		aime		cleanse	
an		air		land	
en		eat		mistery	
in		our		bundle	
on				breathed	
un		dei		cleanseth	
and		leo		famine	
end		mei		fully	
ind		tui		mended	
ink		suc		mendeth	
old				spendst	
us		byas		spendest	
		dyall		wanton	
ba		gyant		wantons	
be		Yael		abandond	
bi		ruin		famished	
bo		iyol		indigent	
bu		voyd		many	
na		bad		myrtery	
ne		bed		wantonly	
ni		bid		extreamly	
no		bod		abandoned	
nu		bud		crucified	
pla		bend		Diogenes	
ple		bend		extremity	

figurative
halleluiah
Jeroboam
indigently
mistically
philanthropy
doe soe to
so may he
so may you
Turky may boast
of Empire France
of Lawe

E

aid
aime
air
either

affrayd
conwayed
faint
mayd
neither
weight
they
dei

day
lay
may
say

yard
yarne
yonder

oyle
ointm^{t}
oysters

broyle
foyle

spoyle

boy
coy
toy

coole
foole
poole

crownd
crowne
lownde
owle
vowd

cow
crow
sow

face
mace
race
scape
scrape
smile

feeble
feele
reele

fee
see
thee
tree
decree
degree

deale
eare
eat
feat
meat
meale
steale
veale

3

F	F				
action &		cross & ficient	†	ific ified	
and, ave &		dam dom dum downe		im imp	
anses &				in	
ansion &		des dis		inge	
arious &		del [illegible]		ish &	
as, ass, ies, temp, temps		dent &		ishment &	
		der dor &		ity, iety &	
ation &		adges &		ityes, ietyes	
atious &		done &		you, itute, itude	
aveing &		end &		keth	
aught ate eate &		enter &		lect lett	
		eth &		ledge	
ber bor burbour		even & heaven		less lease	
				lyber	
bless & blessed		evill		ly	
		fall foll full		lynes	
billitie				mal, mel mil, mol	
but		fed, ved, fied			
call		fer, feare		mult & multiply	
can		ference			
can cant con don		fication		man	
con [illegible]		figure		men	
[illegible]		firme		ment	
[illegible] &		for		mor, more, mer	
[illegible] &		fullfill		mas, mis	
[illegible] &		fullnes		tance, nans, & nownces	
[illegible]		gener			
consum		good		nes nish	
[illegible]		ject		not nant	

nisie & nised		struct		G	
on, one		sob sub		circumstance	
ous, vse		suc		circumvent	
out		suff		compose	
out		sup, sup		connexion	
par, per, por		tage		conscience	
pas, pose		tayne, ten		consent	
ply		tayned		content	
plication		ted		corrupt	
position		tend		croßnes	
pract		tent		countenance	
pre, pri		ting thing			
pro		ter tor		impatient	
puble & pur		ternall till tell		mightest	
re		test dest		motive	
rupt		tract		practise	
sanct		trans		practicall	
satis		trous, tuous		suffrances	
scribe		thr, thro			
sent		there their		conivance	
sence, scient & sciehce		tiue		continuall	
		tribute		contumely	
ser sor, sur sure		vant vent		forraigne	
		var ver		phisition	
seroe		vert fert		sentence	
ses, sus &		under			
some sump		up		discompsure	
sal, sol, son		wor		disproportio	
spect		word		reproches	
stance stant		world		wordlines	

Thers a new moone on May day [illegible] come to me to morrow morning

affinitie
altitude
object
obserue

fully
morrow
sorrow
reproch
reproche[d]

H. H.

1
faction
affection
fiction
concoction
deduction

2
faneies
offences
princes
sconces
dunces

3
variously
serious
desirous
notorious
curious
curiously

4
comendacon
possesion
condition
comotion
confusion

5
craue
leaue
liue
loue
allude

6
sauing
receuing
liuing
louingly
alluding

7
caught
beate
fight
brought
brute
dispute

8
mansion
mention
intenteon
invention
preventio

9
faces
leases
rises
roses
truces

salt
salute
salutacon
sallat
sallad
reasons
resolute
consolacon
consolidate
parso pson
son, sun
consultacon
consulting
resulting
sollace
Solomon
solitude
solstice
sollicitor
sollucon
solliloquie
soules
godson
goodsons

I	I
the old testam^t	
genesis	
exodus	
leuiticus	
numbers	
deuteronomie	
josua	
judges	
ruth	
samuell	
kings	
chronicles	
nehemiah	
ester	
job	
psalmes	
prouerbs	
ecclesiastes	
song of solo:	
canticles	
isaiah	
jeremiah	
lamentacons	
ezekiell	
daniel	
hosea	
joel	
obodiah	
jonah	

micah	
nahum	
habacuk	
zephaniah	
haggai	
zechariah	
malachie	
ynew testam^t	
mathew	
marke	
luke	
iohn	
acts	
rom:	
cor:	
gall:	
ephes:	
philippians	
colos:	
thessal:	
timo:	
titus	
philemon	
hebrewes	
james	
peter	
jude	
reuela:	
amen	

K	K
Above	
abbominable	
abominacon	
aboue all things	
abound	
about	
accept & except	
knowledge & acknowledge	
accomplish	
accord	
accord or owne	
accord	
account	
accuse	
admonish	
aduantage	
aduersary	
adultery	
aduersity	
aduocate	
afterwards	
againe	
against	
againe &	
againe	
agree	
all	
allmighty	

alone
allowed & hallowed
alsoe
allsufficient & else
allsufficiency
already
although
alltymes
alwayes
althings
ambassador
amend
amendmt
amount
angel
ye false angells
anger
any
annoint & annointed
another
another tyme
answere
antichrist
antichristian
apostle
appeare
appoint
are

argument
arise
arme harme
art heart
assemble
assend
assended
assist
assoone
attribute & attributes
avoyd
authority
awake, wake & awoke
away

B B

Babe
babylon
backslide
backward
baptize
baptisme
cause & because
befall
before
began begin
begotten & beget

begot
behind
beheld, beholdd
beleive, beleife
belong
beloved
belo: in ye lord
beloved brethren
below
beneath
benefitt
beseich
besides
best beast
betymes
betweene
betweene both
beyond
blaspheme
blessing
blood
body
booke
borne
both
both together
bounty
bread
bretheren
brother
buckler
brotherhood

Calamitie
cannot
capable &
capacity
captive
captivity
captive
carnall
casualty
catholique
catholick
church
holy catholick church
cœlestiall
ceremony
change &
changing
chapter
charity &
charitable
character
chastise &
chastisement
chasten
child
children
choise, chuse
chosen
Crist
Crists cros
christian
christmas
church
chuse
circumsise
circumsision
cleere
cloud
coherence
comend &
comand
comanden
comfort
comiserate
comon w.
compas
in compas
within compas
a paire of
compasses
compased
about or to
compas about
cometo pas
complent
complaint
comparo
comune &
comunion
conceiue &
conceiued
concluded &
concluded
concupiscence
condemn
condemned
confes &
confidence
confound &
confounded
congregacon
conquer &
conqueroure
consequence
consider
constreine
construccon
consubstantiacon
contemplate
continue
contrary
convenient
corruption
could
counsell
coven, & scotland
covet, covetous,
covetousnes
create
creator
creature
crowne
crucifie
custome
cup
curses

Danger
dangerous
darke
darknes
David
death, doth
death, eternall
deceit, deceive
deceitfull
declare
decree degree
dedicate
deed, did & dead
defend
delight
deliver &
deliverances
demonstracon & demonstrate
denniall
depart
desend & descended
desire
desolate
desperate & determine
despise & despised
destroy, destroyed & destroyd
destruccon
devoure
devout, devocō
diametrically differrence
difficult
dignifie &
dignity
dilligence & dilligent
discord
discourse
disciple
disapoint &
disapointm
disobedient
despaire
dispute
dissemble
distinguish
divine
doctor, doctrine
doubt
doubtfull
dominion
drinke
driven
drunkard
drunknes
dwell
Earth
earnest & earnests
ecclesiasticall
edifie
educate
effectuall
egipt
ejaculacon
ellect
embrace
enemy
England
english
envie
envious
epistle
equald, equall to
escape escaped
establish
eternall
eternall death
eternall destruc.
eternall god
eternall fire
eternall life
eternall paine
eternity
evangelicall & evangelist

ever
ever & ever
evermore
everlasting
everlasting destruccon
everlasting habitacon
everlasting life
evidence
evident
eyes
excommunicat
excommunicacō

Face

faith
faithfull
fallacie &
fallacies
father
favour
felicitie
followship
first
flesh
foes
followe
fooliſh &
fooliſhnes

foot ſtoole
forasmuch
forasmuch as
forbeare &
forbid
forget
forgive
fornicacon
fornicator
forth
forthwith
fortune
frequent
freind
freindſhip
from
fruſtrate
further
further more
further of

Garden &

guardian
gather
gathered together
Gentile &
gentleman
ghoſt
gaue giue
gift giuen

giueth
glory
gloriſie
glorifie god
glorificacon
glorious
God
godly
gods
gospell
gouerm^t
gouern
gouernour
grace
gratious
great
great day
ground

Had

halleluiah
hand
happie
happines
haſt
hath
haue
heir aboue all
heaven
heathen
holl

health
helpe
henceforth
her, heare
hereafter
heretick
heretofore
high
ỹ most high
himselfe
hypocrite &
hypocrisie
his
hold, old
holy
holyman
holy chuch
holy ghost
holy spirit
honeſt
honour
hope
how
howse
houſehold
humble
humility
humiliacon
hurt
huſband
huswife

Idol &
idolatry
idolatrous
iealous
Ieruſalem
Ieſus Chriſt
ignorance & ignorant
image
imagine
impfect
imploy & imploym
impoſible
incarnate
inconvenient & inconvenience
increaſe
indeede
indignacon
infallible
infinite
infirme
ingratefull
ingratitude
inherite & inheritance
iniquity
inocence
instant

instruct
instrument
intent
intercede & intercession
into
inumerable
inward
joy
joyfull
judge
judgm.t
just
justice
justifie & justified
justificacon

Kept
king
kingdome
knowe
knoweth
knowledge
knowne

Labour
lastly & last of all
lawe
lawes

lawfull
lefthand
length
life, liue
likewise
life euerlasting
life eternall
like
litle, least
litle remnant
long
looke
lookt
lord
lords day
lord Christ
lord Jesus
lords supper
lords table
loue

May

magistrate
magnifie &
majestie
magitian &
mastian
major
make
malice

mamon
mamon of
unrighteousnes
many
many tymes
manifest &
manifold
mainteine &
maintenance
marvell
marvellous
mary marry
& espouse
master
mediate &
mediator
meditate
mediacon
memorandum
remember
memory
mercy
ỹ mercies of
god in christ
mercifull
merit
meritorious
minister
administer
minor
miracle

miraculous
miserable
mischeife
misery
moderate
moderacon
more
mortall
morne &
mourne
mouth
much
ouer much
multiply
multiplied
multitude
murmure

Name

nature
necessary &
necessitie
necessityes &
necessaries
neglect
negligence
neighbour
neither
neuer
neuermore

nouerthelesse	ordeine & ordeined	perpetuall & perpetuity
none	originall	pish, parish
noone	otherwise	place
nor	our sauiour	plague
nothing	our selues	please
nothing at all	outward	pleasant & pleasure
notwithstanding	ouer	pons. pilate
now	ouercome	point
number	owne	poore
numerous		poore people

Of

obedience	
obedient	
oblige	
obligacon	
obseue	
obteine	
obteined	
often	
oftentymes	
omniscient & omniscience	
omnipotence & omnipotent	
one another	
opportunity	
oppose, opposite	
oppres	
order	

Papists

pardon	
partake & partaker	
particuler	
paticnce & patient	
peace, peices	
peculiar & popular	
penitence & penitent	
people	
perfect	
perceiue	
persecute	
perswade	
pestilent & pestilence	
possible	
pouerty	
power	
practise	
prayer & pray	
praying	
prayse	
prayses	
praysing	
preach, preacher	
preaching	
prepare	
predestinate	
prejudice	
prerogatiue	
presumptuous	
presume	
prenaile & principall	
pride	
priuiledge	

probable &
probability

proove &
proofe

profit &
prophet

promise

premises

pronounce

propound

proper &
prosper

prosecute

protect &
protector

psalmist

prouerb

proud &
proude

prouidence &
prouident

prouoke

publican

publique &
publish

puruish

purchase

qualifie

quantity &
quality

quarrell

quantity &

quantityes

quarter

queene

question

quick

quiet

quit &
quite

Ransome

rebellion &
witchcraft

rebuke

receiue &
received

reconcile

redeeme &
redeemed

refresh

regard

regenerate

regeneracon

regulate

rejoyce

releiue &
releife

religion

religious

remooue &
removed

repent

reprobate

reproouc &
reproofe

republique

require

resurrection

reueale

reuenge

reuerent &
reuerence

reward

riches

righteous

righthand

round

round about

rule & ruler

rulers

Saboth

saboth day

holy saboth

sake, suck

sacrament

holy sacram[t]

sacrifice

holy sacrifice

saint &
stranger

saints &
strangers

saith
saluacon
sanctifie &
sanctitie
sanctuary
satan
satisfie &
satisfaccon
Sauiour
our lord &
Sauiour
scripture
holy scripture
secret
selfe
seeme
selfedeniall
selfe interest
selfisnes
selfe loue
sentence
sentences
sepulcher
sermon
serpent
seuerall
shall
shalbe
shalt
shalthe
should &
shouldest
signifie &
signified
sing & song
sin
sins
sinners
sincere &
sincerity
sincerely
similitude
somthing
sometimes
sorcerer
soule
speciall
spake speake
& spoke
sprinckle
support
spirit
star
state &
statutes
stedfaste &
stedfastnes
strength
strong
succes
suck
supper
suppose
subtill &
subtilty

Take
tabernacle
teach
temple
temperate &
temperance
testifie &
testimony
text
the text
thankfulnes
thanks
thanksgiuing
the
them
themselues
therefore
thenceforth
therein
these
thy
thy selfe
this
those
thou

though &
thought

thoughts

thraldome

through &
throwe

tyme

tymes

a long tyme

a litle tyme

a short tyme

a thousand

together

torment
&
torments

toward

towards

traniquillity

transgres

transcend

transubstantiate

trespas

tryumph

trouble

truſt

truth

turne

ouerturne

ouerthrow

ouerthrowne

Varietie

& varietyes

vengeance

vertue

vigilant &
vigilance

violence

violences

Virgin Mary

visible

underneath

understand

understanding

undervalue

undertake

until

vneuen

ungodly

unhappy

unhappines

union

universall

universitye

unlawfull

unrewarded

unsufferable

unto

unwilling

unworthy

voluptuous

vouchsafe

voyce

up

upholde

upholder

upon

upright

us

vſe

vſefull

vtmoſt &
vttermoſt

Was

walke

ways

wedlock &
matrimony

wealth

whatſoeuer

whenſoeuer

whereſoeuer

whomſoeuer
&
whoſoeuer

wherewere

whereas

wherefore

wherein

whereinto
&
whereunto

whereof

whether
which
whole
whoremong
wicked
wildernes
well
will
willing
wise
wiseman & wisemen
wisdome
with
within
without
withstand & withstood
witnes
woman
wonder
wonderous
wonderfull
worke
worship
would
wounded
wouded
conscience

wrath
written

Exalt

examine
example
execute
exceede
excellent & excellence
exceß
expect
expedient
expreß
exersice & exersised
externall
extraordinary & extraordinarily
extreame
extend
extenuate
experience
extortion & extortioner

Yea, yee

yet
yeild
yeare, your
yourselues
you

youth
young

Zeale

zealot
zealous
ouerzealous
zealously

L L

in ye chosen
in ye church
in ye End
in ye Lord
in ye worship
in ye world

desires
fauours
feares
friends

desires
fauours
feares
friends
ends
sons
soules
truths
wordles

for euer, and euer amen	ꝺꝺa
very poore people	V
for thy names sake	ꝺ
for thy mercies sake	ꝺ
for ye Christs sake	ꝺ
the arme of flesh	ꝑ
the children of men	ꝯ
the congregacon of ye righteous	ꝯ
the euerlasting father	ꝑ
the heart of man	ꝑ
ye heathish customes	ꝗ
ye reward of ye wicked	ꝺ
ye riches of free grace	ꝗ
ye sacramt of ye altar	A
ye sin agt ye holy ghost	⊨
the 12 Apostles	12
the 12 tribes of Israell	12
ye wiles of ye divel	ꝺ
the workes of darknes	ꝯ
ye diuels feare & tremble	ꝗ
your aduersary ye diuel	ꝗ
the tymes are turnd	Y
the cheife point	ꝗ

a generacon of men	ꝯ a
a roaring lion	ꝗ
an act of parlmt	ꝗ
Anno Domini	ꝏ
and soe much for this point	▭
the sacramt of ye lo: supper	▭
as if it were	ꝗ
as if he should say	ꝗ
as it was in the beginning	ꝏ
far aboue all	ꝗ
from E to West	ꝺw
from N to South	ns
from the top to the bottome	⁄
from the bottom to the top	⁄
from ye begining to the end	—
on the top	⁄
in the bottome	⁄
from the crowne of the head to ye sole of the foote	I
hand in hand	hh
heart in hand	hh
the cros of Christ	x
Christ our lord	ꝺ

our Lord Christ
Christ Iesus
Iesus Christ
Chirst our sauiour
our sauiour Christ
Christ I. our Lord
our Lord I. Christ
Christ I. our sauiour
our sauiour I. C.
through I. Christ
through Christ
through C. our lord
through our lord C
through C I our lord
through I. C our lord
in Christ Iesus
out of Christ Iesus
in Iesus Christ
out of I. Christ
the lord I. Christ
Christ is aboue all
Christ at the right hand of god
equall with god
euen at ye right hand of god
gods aboue all
god through Christ
for I. Christs sake
for Christ Iesus sake

the cares of the world
the princes of this world
the prince of this world
aboue the world
all ouer the world
at the end of ye world
at the worlds end
below the world
beneath ye world
in the world aboue
in the world beneath
euen att the worlds end
from the beginning to the end of the world
from ye creacon of ye world
God in the world
in ye begining of ye world
in ye end of the world
ouercome the world
out of the world
round about ye world
the world
the begining of ye world
the end of the world
the crosses of ye world
thers nothing in ye world
throughout ye world
without god in ye world
nothing in the world
the worlds end
world without end

as good as	[illegible]	the feare of ye lord	[illegible]
as full as	[illegible]	the hand of ye lord	[illegible]
as mercifull as	[illegible]	the house of ye lord	[illegible]
as much as	[illegible]	the workes of ye lord	[illegible]
assoone as	[illegible]	the worship of the lord	[illegible]
as well as	[illegible]	the wisdome of ye lord	[illegible]
he shalbe	[illegible]	in ye feare of the lord	[illegible]
you shalbe	[illegible]	in the house of ye lord	[illegible]
they shalbe	[illegible]	in the hands of ye lord	[illegible]
thou shaltbe	[illegible]	in the name of the lord	[illegible]
we shalbe	[illegible]	in the workes of ye lord	[illegible]
ye shalbe	[illegible]	in ye wisdom of ye lord	[illegible]
before god	[illegible]	the lords annointed	[illegible]
before grace	[illegible]	the lords name	[illegible]
before men	[illegible]	the lords word	[illegible]
before faith	[illegible]	the lords wisdome	[illegible]
before th'almighty	[illegible]	sing unto god	[illegible]
before the lord	[illegible]	say unto god	[illegible]
before the men	[illegible]	rejoyce unto god	[illegible]
before the world	[illegible]	pray unto god	[illegible]
the church of god	[illegible]	giue unto ye lord	[illegible]
the chosen of god	[illegible]	goe unto ye lord	[illegible]
the kingdome of god	[illegible]	cry unto ye lord	[illegible]
the loue of god	[illegible]	pray unto ye lord	[illegible]
the men of god	[illegible]	say unto ye lord	[illegible]
the sonne of god	[illegible]	speake unto ye lord	[illegible]

unto ye lord ascribe	god saith
unto the lord be	the lord saith
unto ye lord giue	men say
unto ye lord god	the people say
therefore saith ye lord	all the earth
therefore saith ye word	and the lord
therefore saith ye scripture	by the word
therefore saith ye wicked	for the men
therefore saith ye wicked man	from the wicked
therefore say the wicked men	of the world
	to the diuell
	with the saincts
wherefore saith ye lord	moneth
wherefore saith ye prophet	moneths
whrefore saith god	Ianuary
wherefore saith ye psalmist	February
	March
thus saith the lord	April
thus saith god	May
thus saith ye prophet	Iune
thus saith ye psalmist	Iuly
	August
saith the lord	September
saith god	October
say the men	Nouember
say the wicked	December
say the saints	the kingdome of satan
say the papists	the kingdom of heauen

the Kingdome of Christ		1 dominio	
Christs Kingdome		2 feare	
the Kingdome of Antichrist		3 justice	
the Kingdome of grace		4 mercy	
the Kingdome of glory		5 men	
the begin of the Chapter		6 name	
the end of the Chapter		7 nature	
And such like		8 office	

1 honour	1 Kingdome	1 Sonne	
2 love	2 joy	2 Saint	
3 truth	3 way	3 church	
4 peace	4 will	4 children	
5 people	5 word	5 gift	
6 power	6 worke	6 grace	
7 righteousnes	7 worship	7 goodnes	
8 wisdome	8 wrath	8 glory	

the offices of Christ

the justice, and mercie of god

1 the truth and peace and righteousnes of the lord

the honour and glory of J Christ

the name power worke and grace of our L Jesus Christ

2 the truth peace, and righteousnes of the Lord

If the character for Lord be made bigger the markes wilbe more legible about it

The Lords prayer

The Creede

The 10 Commandements

1

2

3

4

5

6

7

8

9

10